

WORLD CASUALTY STATISTICS

1998

**Annual statistical summary of reported losses and disposals of
propelled sea-going merchant ships of not less than 100 GT.**

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PREFACE

The WORLD CASUALTY STATISTICS is an annual publication from Lloyd's Register, and has been designed to replace the Casualty Return.

A major characteristic of this annual statistical assessment of reported total losses and disposals of propelled sea-going merchant ships is that it is more shiptype oriented - particularly cargo carrying shiptypes. A further characteristic is that certain time series tables will be continually updated from one issue to the next - this reflects the continuous acquisition of data beyond the publication date of the current issue.

The shiptype categories used are based upon 'A Categorisation of Ships by Type' shown on the following pages. In addition to non-propelled ships and, more generally, ships of less than 100 gross tonnage, pleasure craft, naval auxiliaries, and ships restricted to harbour service or river / canal service, are not included in this publication.

The definitions of the shiptypes comprising the shiptype categories (basic groupings) are based upon primary design function - with hull structure and, for cargo carrying ships the cargo handling mode, or modes, being given due prominence. Hence, the numbers of ships pertaining to the shiptype categories of this new publication may differ from those of the categories used in previous publications.

Each of the tables of data gives the number of ships (No.) and aggregate gross tonnage (GT), or aggregate deadweight (Dwt) for cargo carrying shiptypes. Average age (Age) is also included in many of the tables.

For the purpose of this publication, total losses refer to propelled sea-going merchant ships of not less than 100 GT which, as a result of being a marine casualty, have ceased to exist, either by virtue of the fact that the ships are irrecoverable or have subsequently been broken up. Ships which have been declared constructive total losses but which are undergoing or have undergone repairs are not included. Ships broken up, but not as a consequence of casualty, are categorised as disposals.

A new feature of this publication is the separation of losses into actual total losses and constructive total losses - the former being mostly foundered incidents, the latter more dependant upon the cost of repair and the value of the ship. Constructive total losses are primarily ships broken up as a result of a casualty incident.

The contents of this publication pertain to the year of the casualty incident for both actual and constructive total losses, and to the year scrapping commenced for disposals.

The casualty incident categories used in this publication are:-

- | | | |
|-------|------------------|---|
| (i) | Foundered | Includes ships which sank as a result of heavy weather, springing of leaks, breaking in two, etc., but not as a consequence of categories listed below. |
| (ii) | Missing | After a reasonable period of time, no news having been received of a ship and its fate being therefore undetermined, the ship is posted as 'missing' at the Corporation of Lloyd's or reported as such from another reliable source. |
| (iii) | Fire/explosion | Includes ships lost as a result of fire and/or explosion where it is the first event reported - it therefore follows that casualties including fires and/or explosions after collisions, strandings, etc. would be categorised under 'collision', 'wrecked/stranded'. |
| (iv) | Collision | Includes ships lost as a result of striking or being struck by another ship, regardless of whether under way, anchored or moored. |
| (v) | Contact | Includes ships lost as a result of striking an external substance - but not another ship (collision) or the sea bottom (wrecked/stranded). This category includes striking drilling rigs/platforms, regardless of whether in fixed position or in tow. |
| (vi) | Wrecked/stranded | Includes ships lost as a result of touching the sea bottom, sandbanks or seashore, etc., as well as entanglement on underwater wrecks. |
| (vii) | Other | Includes war loss (and encompassing loss occasioned to ships by hostile acts), hull/machinery damage or failure which is not attributable to any other category, and losses which, for want of sufficient reasons, cannot be classified. |

Appendix 1 lists, for individual ships, this year's total losses - sorted by shiptype category and casualty incident type (to enable cross reference with the appropriate tables of this publication).

Similarly, Appendix 2 lists the disposals - sorted by shiptype category and country of breaking.

**A CATEGORISATION OF SHIPS BY TYPE - CARGO CARRYING SHIPS
(For Statistical Purposes)**

SHIPTYPES

BASIC GROUPINGS

LNG TANKER LPG TANKER	LIQUEFIED GAS	BULK LIQUID CARGO	CARGO CARRYING SHIPS	SHIP STRUCTURES	
CHEMICAL TANKER CHEMICAL / OIL PRODUCTS TANKER	CHEMICAL				
CRUDE OIL TANKER OIL PRODUCTS TANKER	OIL				
WATER TANKER BITUMEN TANKER WINE TANKER VEGETABLE OIL TANKER FRUIT JUICE TANKER MOLASSES TANKER OIL-SLUDGE TANKER EDIBLE OIL TANKER FISH OIL TANKER COAL/OIL MIXTURE TANKER LATEX TANKER BEER TANKER	OTHER LIQUIDS				
BULK CARRIER ORE CARRIER	BULK DRY				BULK DRY CARGO
BULK / OIL CARRIER ORE / OIL CARRIER	BULK DRY / OIL				
SELF-DISCHARGING BULK CARRIER	SELF-DISCHARGING BULK DRY				
CEMENT CARRIER WOOD CHIPS CARRIER UREA CARRIER AGGREGATES CARRIER LIMESTONE CARRIER ALUMINA CARRIER REFINED SUGAR CARRIER POWDER CARRIER MUD CARRIER	OTHER BULK DRY				
GENERAL CARGO SHIP PALLETISED CARGO SHIP DECK CARGO SHIP	GENERAL CARGO					ALL OTHER DRY CARGO
PASSENGER / GENERAL CARGO SHIP	PASSENGER / GENERAL CARGO				
CONTAINER SHIP PASSENGER/CONTAINER SHIP	CONTAINER				
REFRIGERATED CARGO SHIP	REFRIGERATED CARGO				
RO-RO CARGO SHIP VEHICLES CARRIER CONTAINER / RO-RO CARGO SHIP LANDING CRAFT	RO-RO CARGO				
PASSENGER / RO-RO CARGO SHIP PASSENGER / LANDING CRAFT	PASSENGER / RO-RO CARGO				
PASSENGER (CRUISE) SHIP PASSENGER SHIP	PASSENGER				
LIVESTOCK CARRIER BARGE CARRIER HEAVY LOAD CARRIER NUCLEAR FUEL CARRIER LOG-TIPPING SHIP PEARL SHELLS CARRIER STONE CARRIER PULP CARRIER	OTHER DRY CARGO				

A CATEGORISATION OF SHIPS BY TYPE - ALL OTHER TYPES
(For Statistical Purposes)

SHIPTYPES

BASIC GROUPINGS

TRAWLER FISHING VESSEL	FISH CATCHING	FISHING	SHIPS OF MISCELLANEOUS ACTIVITIES	SHIP STRUCTURES
FISH FACTORY SHIP FISH CARRIER LIVE-FISH CARRIER FISHING SUPPORT VESSEL SEAL-CATCHER WHALE-CATCHER KELP-DREDGER	OTHER FISHING			
OFFSHORE SUPPLY SHIP OFFSHORE TUG/SUPPLY SHIP	OFFSHORE SUPPLY	OFFSHORE		
OFFSHORE SUPPORT VESSEL DRILLING SHIP PIPE-LAYER PRODUCTION TESTING VESSEL OFFSHORE PROCESSING SHIP WELL-STIMULATION VESSEL STANDBY-SAFETY VESSEL	OTHER OFFSHORE			
RESEARCH VESSEL	RESEARCH	ALL OTHER ACTIVITIES		
TUG PUSHER TUG	TOWING / PUSHING			
DREDGER HOPPER DREDGER	DREDGING			
MOTOR HOPPER CRANE SHIP ICE-BREAKER CABLE-LAYER WASTE DISPOSAL VESSEL FIRE-FIGHTING VESSEL POLLUTION CONTROL VESSEL PATROL VESSEL CREWBOAT TRAINING SHIP UTILITY VESSEL SEARCH & RESCUE VESSEL PILOT VESSEL SALVAGE VESSEL BUOY/LIGHTHOUSE VESSEL SUPPLY VESSEL MOORING VESSEL WORK/REPAIR VESSEL HOSPITAL VESSEL TANK-CLEANING VESSEL TRANS-SHIPMENT VESSEL ANCHOR HOY TENDER (UNSPECIFIED) LAUNCH (UNSPECIFIED)	OTHER ACTIVITIES			
BARGES PONTOONS	NON-PROPELLED SHIPS			
MOORED OIL PROCESSING SHIP MOORED CEMENT HANDLING SHIP etc.				
YACHT SAIL TRAINING SHIP NAVAL AUXILIARY SHIP etc.	OTHER SHIPS STRUCTURES			

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STATISTICAL NOTES

Overall summary

During the year 175 ships of 0.66 million gross tonnage were reported as total losses. Reported disposals totalled 750 ships of 12.3 million gross tonnage.

The number of total losses of cargo carrying ships was 113 ships of 0.64 million GT (0.90 million Dwt), and for disposals, the number was 591 ships of 12.1 million GT (19.52 million Dwt).

The following is an overall summary, for all shiptype categories, of reported losses (actual total losses and constructive total losses) and disposals for the current and previous five years.

Overall summary of losses and disposals since 1993 (tonnage values in millions)

	Total losses		ATL		CTL		Disposals	
	No.	m.GT	No.	m.GT	No.	m.GT	No.	m.GT
1993	278	1.0	216	0.5	62	0.4	878	10.3
1994	234	1.9	170	0.9	64	1.0	903	11.8
1995	248	1.0	197	0.6	51	0.4	882	9.8
1996	238	1.1	177	0.5	61	0.6	878	10.1
1997	181	1.2	131	0.4	50	0.8	875	10.1
1998	175	0.7	139	0.4	36	0.3	750	12.3

The number of persons reported killed or missing (lives lost) as a result of total losses during the year was 507.

The number of lives lost has increased dramatically this year to 507 missing or dead. The year's most notable total loss in terms of lives lost, was the Philippine registered Passenger/Ro-Ro Cargo ship "PRINCESS OF THE ORIENT" (13,614 GT/3,110 DWT) which listed, capsized and sank 40 nautical miles south of Manila during tropical storm 'Vicki' with the loss of 150 lives missing or dead.

The oldest vessel lost as a result of a casualty was the Turkish registered general cargo ship "KAPTAN SUKRU" (488 GT/873 DWT), built in 1871 whose machinery caught fire off Pazar County, Rize and was subsequently stranded. The youngest vessel lost was the Panamanian registered Bulk Carrier "SEA PROSPECT" (18,793 GT/21,297 DWT) built in 1996, which capsized and sank off Okinawa with the loss of 11 crew missing or dead.

The following summarises lives lost (as a result of total losses) for the current and previous five years for certain principal shiptype categories.

	1993	1994	1995	1996	1997	1998
oil	15	70	2	3	8	7
bulk dry	41	148	84	50	80	87
general cargo	219	149	192	168	94	137
passenger/general cargo		145	2		2	
ro-ro cargo	5	51	28	1	2	2
passenger/ro-ro cargo	58	876		342		150
passenger			3	4		71
all cargo carrying shiptypes	401	1 474	325	645	201	455
all shiptypes	504	1 552	379	690	218	507

Total losses

Table 1 of this publication gives the year's reported total losses, by registration, for the two shiptype component groupings of cargo carrying ships and ships of miscellaneous activities.

Table 2 continues the analysis of losses by registration, with actual and constructive total losses shown by shiptype category. Individual registration authority totals are given in Table 1.

Table 3 gives, for the current and previous five years, reported total losses by registration (principal authorities only).

The number of ships and the aggregate gross tonnage per registration authority, as well as registration authority per shiptype category, are to be found in the current issue of the WORLD FLEET STATISTICS.

The following shows the year's reported total losses (actual and constructive) by incident type.

	Total losses		ATL		CTL	
	No.	GT	No.	GT	No.	GT
foundered	86	239 630	82	237 523	4	2 107
missing	1	2 824	1	2 824		
fire/explosion	18	122 528	11	42 363	7	80 165
collision	20	65 880	12	24 762	8	41 118
wrecked/stranded	31	125 861	24	63 895	7	61 966
contact	5	5 989	3	2 311	2	3 678
other	14	99 548	6	6 098	8	93 450
totals	175	662 260	139	379 776	36	282 484

Table 4A continues the above analysis of losses by incident type, with actual and constructive losses shown by shiptype category.

(The incident type totals for Table 4A are given above.)

Complementary to Table 4A, Table 4B gives total loss (ATL/CTL) by shiptype category and incident type.

Using numbers at risk (i.e. in the world fleet) given in the current issue of the WORLD FLEET STATISTICS, the following show loss rates (per 1 000 ships at risk) for the principal shiptype categories by grouped casualty incident types.

	foundered/missing	fire/explosion	Contact - types	overall
LPG Tanker	1.0		1.0	2.1
Chemical			0.4	0.8
Oil Products Tanker	0.6		0.4	1.0
Bulk Dry	1.4	0.6	1.2	3.4
General Cargo	1.9	0.2	1.7	4.3
Container	0.4		0.4	1.3
Refrigerated cargo		1.4		1.4
Ro-Ro Cargo	0.6	0.6	0.6	2.3
Passenger Ro-ro Cargo	0.8	0.8		1.6
Passenger (Cruise)	3.0			3.0
Passenger Ship	0.4			0.4
Fish Catching	1.3	0.2	0.5	2.2
Overall	1.0	0.2	0.7	2.0

(Contact - types include collision, wrecked/stranded and contact; other is included in the overall rates.)

Total losses and disposals

Table 5 shows total losses (ATL/CTL) and disposals by shiptype category. Considering cargo carrying ships only, Table 6 provides a further analysis by deadweight.

The following analysis considers age for both total losses and disposals, and for certain principal shiptype categories.

	Total losses			Disposals		
	less than 10 Years	10 - 19 years	20 or more years	less than 10 Years	10 - 19 years	20 or more years
crude oil tanker						23
oil products tanker			5		1	14
bulk dry	1		16		1	205
general cargo	6	12	54	1	13	203
all cargo carrying	8	14	91	1	23	567
fish catching	7	15	28	1	22	88
totals	15	33	127	2	49	699

Again using figures published in the current issue of the WORLD FLEET STATISTICS, the following shows loss rates and disposal rates (per 1 000 ships) for the above shiptype categories.

	Total losses			Disposals		
	less than 10 Years	10 - 19 years	20 or more years	less than 10 Years	10 - 19 years	20 or more years
crude oil tankers						13.07
oil products tankers			2.84		0.19	2.69
bulk dry	0.20		3.24		0.20	41.51
general cargo	0.36	0.71	3.21	0.06	0.77	12.05
all cargo carrying	0.18	0.31	2.00	0.02	0.50	12.44
fish catching	0.31	0.66	1.22	0.04	0.96	3.84
all shiptypes	0.17	0.38	1.48	0.02	0.57	8.14

Total losses, and disposals, for the current and previous five years, by shiptype category, are given in Table 7A and Table 7B, respectively.

Loss rates and disposal rates (per 1 000 ships) for the current and previous five years for the above shiptype categories are as follows.

	Total losses						Disposals					
	1993	1994	1995	1996	1997	1998	1993	1994	1995	1996	1997	1998
oil	1.5	1.8	0.3	1.2	1.3	0.7	17.4	14.9	16.0	12.9	8.8	5.5
bulk dry	1.3	2.8	1.7	2.2	2.0	3.4	13.5	13.0	5.8	20.8	23.8	41.7
general cargo	5.9	3.6	4.4	4.4	3.4	4.3	7.8	7.4	6.9	8.8	15.6	12.9
all cargo carrying	3.6	2.7	2.7	2.8	2.5	2.5	10.1	9.4	8.2	10.3	12.4	35.1
fish catching	3.2	2.5	2.6	1.7	1.3	2.2	13.0	8.2	10.8	8.5	4.8	4.8
all shiptypes	3.1	2.3	2.3	2.1	1.5	2.0	10.1	7.9	8.1	8.4	8.6	8.7

Disposals

Having previously analysed disposals by shiptype category, this final section considers disposals by registration and by country of breaking.

Table 8 gives the year's reported disposals, by registration, for the two shiptype component groupings of cargo carrying ships and ships of miscellaneous activities.

Table 9 continues the analysis of disposals by considering registration and shiptype category. Individual registration authority totals are given in Table 8.

Table 10 shows disposals by registration (principal authorities only) for the current and previous five years.

Table 11 gives the year's reported disposals, by country of breaking, for the two shiptype component groupings of cargo carrying ships and ships of miscellaneous activities.

Table 12 continues the analysis of disposals by considering country of breaking and shiptype category - but for the principal countries of breaking only. Individual country of breaking totals are given in Table 11.

The following shows the gross tonnage (in millions) broken up in the four principal countries of breaking for the current and previous five years.

	1993	1994	1995	1996	1997	1998
Bangladesh	1.4	2.2	2.6	2.6	2.4	2.6
China	5.5	3.0	0.9	0.1	0.2	0.6
India	1.8	3.9	3.8	4.7	5.9	6.3
Pakistan	0.9	2.2	1.7	2.1	0.9	2.2
all countries	9.6	11.2	8.9	9.4	9.4	11.6

TABLE 1 TOTAL LOSSES - BY REGISTRATION

1998

REGISTRATION	TOTALS			CARGO CARRYING SHIPS				SHIPS OF MISCELLANEOUS ACTIVITIES		
	No.	GT	Age	No.	GT	Dwt	Age	No.	GT	Age
ANTIGUA & BARBUDA	1	2 863	27	1	2 863	5 656	27	..	..	..
ARGENTINA	2	4 105	29	..	..	..	..	2	4 105	29
AUSTRIA	1	1 935	22	1	1 935	3 205	22	..	..	..
BAHAMAS	1	2 326	26	1	2 326	3 665	26	..	..	..
BELIZE	17	38 086	27	14	36 760	54 840	28	3	1 326	21
CAMBODIA	2	4 574	30	2	4 574	5 912	30	..	..	..
CANADA	2	205	11	..	..	..	..	2	205	11
CHINA	2	22 959	13	2	22 959	37 156	13	..	..	..
CONGO	1	2 875	28	1	2 875	4 100	28	..	..	..
CYPRUS	5	56 732	22	5	56 732	95 914	22	..	..	..
DENMARK	2	385	48	..	..	..	..	2	385	48
DENMARK (DIS)	2	2 125	18	2	2 125	3 250	18	..	..	..
EQUATORIAL GUINEA	2	1 050	48	1	676	676	71	1	374	25
ESTONIA	1	181	37	..	..	..	..	1	181	37
ETHIOPIA	1	579	56	1	579	579	56	..	..	..
FRANCE	3	2 065	21	1	1 283	1 846	21	2	782	21
GHANA	2	439	29	..	..	..	..	2	439	29
GREECE	2	22 364	26	1	22 246	41 102	24	1	118	28
HONDURAS	6	8 951	31	6	8 951	13 463	31	..	..	..
INDIA	3	6 901	23	2	6 284	7 271	18	1	617	34
INDONESIA	5	10 061	20	5	10 061	15 071	20	..	..	..
IRISH REPUBLIC	2	259	32	..	..	..	..	2	259	32
JAPAN	8	1 784	13	3	770	2 194	16	5	1 014	11
KOREA (NORTH)	1	9 451	29	1	9 451	14 885	29	..	..	..
KOREA (SOUTH)	4	7 538	14	2	6 802	11 084	12	2	736	17
LIBERIA	5	59 641	25	4	58 778	95 785	26	1	863	22
MALAYSIA	1	3 007	16	1	3 007	5 119	16	..	..	..
MALTA	4	33 382	20	4	33 382	49 796	20	..	..	..
NAMIBIA	2	481	32	..	..	..	..	2	481	32
NORWAY	3	2 584	29	2	2 313	2 879	29	1	271	30
NORWAY (NIS)	1	3 559	26	1	3 559	864	26	..	..	..
PANAMA	15	102 910	25	13	102 536	142 057	21	2	374	49
PHILIPPINES	2	52 967	19	2	52 967	16 178	19	..	..	..
POLAND	1	107	20	..	..	..	..	1	107	20
ROMANIA	1	2 075	20	1	2 075	2 400	20	..	..	..
RUSSIA	9	7 889	23	4	4 101	5 586	29	5	3 788	19
SAINT VINCENT	11	105 421	25	11	105 421	161 275	25	..	..	..
SIERRA LEONE	1	300	34	1	300	528	34	..	..	..
SINGAPORE	4	12 185	18	2	11 685	14 620	20	2	500	16
SOUTH AFRICA	1	752	13	..	..	..	..	1	752	13
SPAIN	7	6 480	25	3	5 376	7 429	30	4	1 104	22
SYRIA	1	2 706	35	1	2 706	4 064	35	..	..	..
TURKEY	6	14 243	47	6	14 243	24 230	47	..	..	..
UKRAINE	3	5 801	25	2	5 681	7 743	29	1	120	19
UNITED KINGDOM	8	26 010	22	1	24 699	28 225	29	7	1 311	21
UNITED STATES OF AMERICA	8	3 989	16	..	..	..	..	8	3 989	16
VENEZUELA	1	2 655	28	1	2 655	5 110	28	..	..	..
VIETNAM	1	1 442	18	1	1 442	2 230	18	..	..	..
UNKNOWN	1	881	23	..	..	..	..	1	881	23
TOTALS	175	662 260	25	113	637 178	897 987	26	62	25 082	22

TABLE 2 TOTAL LOSSES - BY REGISTRATION AND SHIPTYPE CATEGORY

1998

REGISTRATION	SHIPTYPE CATEGORY	TOTAL LOSSES			ATL			CTL		
		No.	GT	Age	No.	GT	Age	No.	GT	Age
ANTIGUA & BARBUDA	GENERAL CARGO	1	2 863	27	..	..	..	1	2 863	27
ARGENTINA	FISH CATCHING	1	3 081	27	1	3 081	27	..	..	..
	OTHER FISHING	1	1 024	31	1	1 024	31	..	..	..
AUSTRIA	GENERAL CARGO	1	1 935	22	1	1 935	22	..	..	..
BAHAMAS	GENERAL CARGO	1	2 326	26	..	..	..	1	2 326	26
BELIZE	OIL PRODUCTS TANKER	1	999	27	1	999	27	..	..	..
	BULK DRY	1	11 953	24	1	11 953	24	..	..	..
	GENERAL CARGO	10	20 014	28	7	13 235	28	3	6 779	29
	REFRIGERATED CARGO	2	3 794	30	2	3 794	30	..	..	..
	FISH CATCHING	2	580	19	2	580	19	..	..	..
	OFFSHORE SUPPLY	1	746	26	1	746	26	..	..	..
CAMBODIA	GENERAL CARGO	2	4 574	30	2	4 574	30	..	..	..
CANADA	FISH CATCHING	2	205	11	2	205	11	..	..	..
CHINA	BULK DRY	1	18 972	25	1	18 972	25	..	..	..
	CONTAINER	1	3 987	1	1	3 987	1	..	..	..
CONGO	GENERAL CARGO	1	2 875	28	..	..	..	1	2 875	28
CYPRUS	BULK DRY	3	46 491	24	1	16 947	26	2	29 544	23
	GENERAL CARGO	2	10 241	18	2	10 241	18	..	..	..
DENMARK	FISH CATCHING	1	149	30	1	149	30	..	..	..
	DREDGING	1	236	65	1	236	65	..	..	..
DENMARK (DIS)	GENERAL CARGO	2	2 125	18	2	2 125	18	..	..	..
EQUATORIAL GUINEA	PASSENGER (CRUISE)	1	676	71	1	676	71	..	..	..
	FISH CATCHING	1	374	25	1	374	25	..	..	..
ESTONIA	FISH CATCHING	1	181	37	1	181	37	..	..	..
ETHIOPIA	GENERAL CARGO	1	579	56	1	579	56	..	..	..
FRANCE	GENERAL CARGO	1	1 283	21	1	1 283	21	..	..	..
	FISH CATCHING	2	782	21	2	782	21	..	..	..
GHANA	FISH CATCHING	2	439	29	2	439	29	..	..	..
GREECE	BULK DRY	1	22 246	24	1	22 246	24	..	..	..
	FISH CATCHING	1	118	28	1	118	28	..	..	..

TABLE 2 TOTAL LOSSES - BY REGISTRATION AND SHIPTYPE CATEGORY (Continued)

1998

REGISTRATION	SHIPTYPE CATEGORY	TOTAL LOSSES			ATL			CTL		
		No.	GT	Age	No.	GT	Age	No.	GT	Age
HONDURAS	GENERAL CARGO	6	8 951	31	5	8 004	27	1	947	47
INDIA	GENERAL CARGO	1	566	14	1	566	14	..	..	..
	CONTAINER	1	5 718	21	1	5 718	21	..	..	..
	TOWING/PUSHING	1	617	34	1	617	34	..	..	..
INDONESIA	GENERAL CARGO	3	9 113	19	3	9 113	19	..	..	..
	RO-RO CARGO	1	535	19	1	535	19	..	..	..
	PASSENGER SHIP	1	413	24	1	413	24	..	..	..
IRISH REPUBLIC	FISH CATCHING	2	259	32	1	154	25	1	105	38
JAPAN	GENERAL CARGO	2	576	11	1	378	4	1	198	18
	PASSENGER/RO-RO CARGO	1	194	27	1	194	27	..	..	..
	FISH CATCHING	4	549	12	4	549	12	..	..	..
	DREDGING	1	465	11	1	465	11	..	..	..
KOREA (NORTH)	GENERAL CARGO	1	9 451	29	1	9 451	29	..	..	..
KOREA (SOUTH)	GENERAL CARGO	2	6 802	12	2	6 802	12	..	..	..
	FISH CATCHING	2	736	17	2	736	17	..	..	..
LIBERIA	LPG TANKER	1	6 733	29	1	6 733	29	..	..	..
	CHEMICAL	1	17 955	24	..	..	..	1	17 955	24
	BULK DRY	2	34 090	25	1	20 552	24	1	13 538	26
	OFFSHORE SUPPLY	1	863	22	..	..	..	1	863	22
MALAYSIA	GENERAL CARGO	1	3 007	16	1	3 007	16	..	..	..
MALTA	GENERAL CARGO	4	33 382	20	2	14 646	13	2	18 736	27
NAMIBIA	FISH CATCHING	2	481	32	2	481	32	..	..	..
NORWAY	GENERAL CARGO	2	2 313	29	2	2 313	29	..	..	..
	FISH CATCHING	1	271	30	1	271	30	..	..	..
NORWAY (NIS)	RO-RO CARGO	1	3 559	26	..	..	..	1	3 559	26
PANAMA	LPG TANKER	1	1 320	24	..	..	..	1	1 320	24
	BULK DRY	4	58 067	21	3	41 122	19	1	16 945	26
	GENERAL CARGO	5	29 518	17	4	25 118	20	1	4 400	8
	RO-RO CARGO	1	7 586	21	1	7 586	21	..	..	..
	PASSENGER/RO-RO CARGO	2	6 045	33	1	1 134	32	1	4 911	34
	TOWING/PUSHING	2	374	49	2	374	49	..	..	..
PHILIPPINES	RO-RO CARGO	1	39 353	14	..	..	..	1	39 353	14
	PASSENGER/RO-RO CARGO	1	13 614	24	1	13 614	24	..	..	..

TABLE 2 TOTAL LOSSES - BY REGISTRATION AND SHIPTYPE CATEGORY (Continued)

1998

REGISTRATION	SHIPTYPE CATEGORY	TOTAL LOSSES			ATL			CTL		
		No.	GT	Age	No.	GT	Age	No.	GT	Age
POLAND	FISH CATCHING	1	107	20	1	107	20	..	..	..
ROMANIA	GENERAL CARGO	1	2 075	20	..	..	..	1	2 075	20
RUSSIA	OIL PRODUCTS TANKER	1	950	27	1	950	27	..	..	..
	GENERAL CARGO	3	3 151	29	2	2 718	27	1	433	34
	FISH CATCHING	5	3 788	19	5	3 788	19	..	..	..
SAINT VINCENT	BULK DRY	4	43 677	23	2	16 496	22	2	27 181	24
	GENERAL CARGO	7	61 744	26	4	24 564	27	3	37 180	24
SIERRA LEONE	OIL PRODUCTS TANKER	1	300	34	1	300	34	..	..	..
SINGAPORE	OIL PRODUCTS TANKER	1	2 080	20	1	2 080	20	..	..	..
	GENERAL CARGO	1	9 605	20	..	..	..	1	9 605	20
	TOWING/PUSHING	2	500	16	1	251	16	1	249	16
SOUTH AFRICA	FISH CATCHING	1	752	13	1	752	13	..	..	..
SPAIN	GENERAL CARGO	3	5 376	30	3	5 376	30	..	..	..
	FISH CATCHING	4	1 104	22	4	1 104	22	..	..	..
SYRIA	GENERAL CARGO	1	2 706	35	1	2 706	35	..	..	..
TURKEY	CHEMICAL	1	1 249	32	..	..	..	1	1 249	32
	BULK DRY	1	10 273	28	..	..	..	1	10 273	28
	GENERAL CARGO	4	2 721	55	4	2 721	55	..	..	..
UKRAINE	OIL PRODUCTS TANKER	1	3 860	31	1	3 860	31	..	..	..
	GENERAL CARGO	1	1 821	26	1	1 821	26	..	..	..
	FISH CATCHING	1	120	19	1	120	19	..	..	..
UNITED KINGDOM	CONTAINER	1	24 699	29	..	..	..	1	24 699	29
	FISH CATCHING	7	1 311	21	7	1 311	21	..	..	..
UNITED STATES OF AMERICA	FISH CATCHING	7	3 534	17	7	3 534	17	..	..	..
	OFFSHORE SUPPLY	1	455	15	1	455	15	..	..	..
VENEZUELA	GENERAL CARGO	1	2 655	28	1	2 655	28	..	..	..
VIETNAM	GENERAL CARGO	1	1 442	18	..	..	..	1	1 442	18
UNKNOWN	OFFSHORE SUPPLY	1	881	23	..	..	..	1	881	23

TABLE 3 TOTAL LOSSES - BY REGISTRATION

1998

REGISTRATION	1993			1994			1995			1996			1997			1998		
	No.	GT	Age	No.	GT	Age	No.	GT	Age	No.	GT	Age	No.	GT	Age	No.	GT	Age
AUSTRALIA	..	..	..	..	..	..	2	22090	17	..	..	..	..	..	..	..	..	..
BAHAMAS	2	55 183	15	3	34 240	21	6	36 694	20	3	24 601	22	4	15 034	15	1	2 326	26
BRAZIL	1	18 318	20	..	..	..	..	..	..	1	22 972	17	..	..	..	..	..	..
CANADA	2	625	40	2	254	23	2	24 298	39	1	105	7	..	..	..	2	205	11
CHINA	3	23 489	23	3	28 509	24	2	12 602	18	9	57 972	20	5	22 600	15	2	22 959	13
HONG KONG, CHINA	1	3 738	20	..	..	..	1	15 865	3	..	..	..	2	96 850	13	..	..	..
CHINA (TAIWAN)	1	1 720	1	2	91 422	21	1	3 518	21	2	7 484	26	3	8 899	13	..	..	..
CYPRUS	5	115 019	21	14	440 239	21	4	161 358	16	8	149 074	20	10	206 933	23	5	56 732	22
DENMARK	1	398	29	4	1 884	18	..	..	..	..	..	..	..	..	..	2	385	48
DENMARK (DIS)	1	1 354	3	1	1 510	11	..	..	..	..	..	..	..	..	..	2	2 125	18
FRANCE	1	299	28	3	685	21	1	625	19	4	818	39	2	1 190	21	3	2 065	21
GERMANY	2	1 209	42	..	..	..	3	2 233	36	2	3 443	29	1	8 633	1	..	..	..
GREECE	7	58 457	25	4	35 639	31	3	5 265	32	9	56 967	29	3	18 042	25	2	22 364	26
HONDURAS	22	41 623	27	11	20 605	26	12	16 293	26	12	16 671	34	7	4 697	31	6	8 951	31
INDIA	1	10 092	15	3	29 546	29	6	7 406	18	3	33 615	23	3	52 442	20	3	6 901	23
INDONESIA	15	20 150	21	6	5 773	24	10	21 129	18	2	598	20	4	11 668	20	5	10 061	20
ITALY	5	2 729	28	3	29 317	32	2	2 188	30	3	596	12	2	7 691	23	..	..	..
JAPAN	14	11 963	13	6	1 266	12	24	9 413	14	11	5 303	9	16	8 135	14	8	1 784	13
KOREA (SOUTH)	13	40 744	23	11	11 286	21	7	6 530	24	1	1 574	25	4	4 255	22	4	7 538	14
LIBERIA	3	68 881	20	2	96 434	22	4	211 832	16	2	55 828	6	..	..	..	5	59 641	25
MALAYSIA	3	8 244	32	..	..	..	2	8 238	16	2	11 779	23	2	1 540	36	1	3 007	16
MALTA	8	52 348	21	11	231 861	21	5	107 149	22	7	102 894	24	5	80 619	23	4	33 382	20
MEXICO	..	..	..	1	16 087	14	..	..	..	..	..	..	..	..	..	..	..	..
NETHERLANDS	1	5 613	25	..	..	..	3	3 111	19	1	344	16	..	..	..	..	..	..
NORWAY	7	3 358	25	4	1 959	20	6	2 927	23	1	165	29	2	1 032	34	3	2 584	29
NORWAY (NIS)	2	6 996	23	1	499	16	1	419	28	..	..	..	..	..	..	1	3 559	26
PANAMA	35	179 882	21	29	235 910	22	24	143 921	24	28	194 981	22	13	123 002	22	15	102 910	25
PERU	1	7 902	23	1	355	1	3	1 044	23	1	274	7	1	176	29	..	..	..
PHILIPPINES	6	18 944	23	5	14 646	22	4	2 098	22	3	5 498	20	..	..	..	2	52 967	19
POLAND	1	3 015	16	3	8 797	20	..	..	..	..	..	..	..	..	..	1	107	20
RUSSIA	8	23 495	17	15	56 911	25	17	27 567	25	13	29 147	16	3	13 510	16	9	7 889	23
SAINT VINCENT	16	68 537	23	10	29 181	24	6	15 768	24	7	32 486	24	9	160 626	27	11	105 421	25
SINGAPORE	1	12 522	22	..	..	..	3	1 892	8	1	8 471	19	1	2 225	25	4	12 185	18
SPAIN	12	6 604	21	4	1 648	13	9	3 110	21	10	5 255	22	4	1 503	29	7	6 480	25
SWEDEN	2	649	25	..	..	..	2	426	35	..	..	..	..	..	..	..	..	..
TURKEY	3	1 478	14	5	70 688	18	5	3 926	34	6	35 639	23	9	119 784	30	6	14 243	47
UNITED KINGDOM	1	120	19	8	1 792	19	2	534	26	2	661	38	1	869	34	8	26 010	22
UNITED STATES OF AMERICA	19	25 657	24	13	11 506	27	16	4 022	19	17	3 458	24	14	77 900	24	8	3 989	16
OTHER FLAG STATES	52	66 757	23	46	385 230	25	50	94 029	29	66	221 408	26	51	125 443	28	45	83 490	29
TOTALS	278	968 112	22	234	1 895 679	23	248	979 520	23	238	1 090 081	23	181	1 175 298	24	175	662 260	25

TABLE 4A TOTAL LOSSES - BY INCIDENT TYPE AND SHIPTYPE CATEGORY

1998

INCIDENT TYPE	SHIPTYPE CATEGORY	TOTALS			ATL			CTL		
		No.	GT	Age	No.	GT	Age	No.	GT	Age
FOUNDERED	LPG TANKER	1	1 320	24	..	..	..	1	1 320	24
	OIL PRODUCTS TANKER	3	3 330	27	3	3 330	27	..	..	..
	BULK DRY	7	109 749	22	7	109 749	22	..	..	..
	GENERAL CARGO	32	93 702	24	31	93 269	24	1	433	34
	CONTAINER	1	3 987	1	1	3 987	1	..	..	..
	RO-RO CARGO	1	535	19	1	535	19	..	..	..
	PASSENGER/RO-RO CARGO	2	13 808	26	2	13 808	26	..	..	..
	PASSENGER (CRUISE)	1	676	71	1	676	71	..	..	..
	PASSENGER SHIP	1	413	24	1	413	24	..	..	..
	FISH CATCHING	30	8 806	22	29	8 701	21	1	105	38
	OTHER FISHING	1	1 024	31	1	1 024	31	..	..	..
	OFFSHORE SUPPLY	1	455	15	1	455	15	..	..	..
	TOWING/PUSHING	3	1 124	37	2	875	47	1	249	16
	DREDGING	2	701	38	2	701	38	..	..	..
MISSING	GENERAL CARGO	1	2 824	7	1	2 824	7	..	..	..
FIRE/EXPLOSION	BULK DRY	3	52 346	26	1	22 246	24	2	30 100	27
	GENERAL CARGO	4	16 084	48	2	11 146	73	2	4 938	24
	REFRIGERATED CARGO	2	3 794	30	2	3 794	30	..	..	..
	RO-RO CARGO	1	39 353	14	..	..	..	1	39 353	14
	PASSENGER/RO-RO CARGO	2	6 045	33	1	1 134	32	1	4 911	34
	FISH CATCHING	5	4 043	21	5	4 043	21	..	..	..
	OFFSHORE SUPPLY	1	863	22	..	..	..	1	863	22
COLLISION	BULK DRY	3	24 651	21	1	3 961	20	2	20 690	21
	GENERAL CARGO	8	30 599	22	3	11 052	17	5	19 547	24
	RO-RO CARGO	1	7 586	21	1	7 586	21	..	..	..
	FISH CATCHING	7	2 163	18	7	2 163	18	..	..	..
	OFFSHORE SUPPLY	1	881	23	..	..	..	1	881	23
CONTACT	OIL PRODUCTS TANKER	1	999	27	1	999	27	..	..	..
	GENERAL CARGO	3	4 874	38	1	1 196	32	2	3 678	41
	TOWING/PUSHING	1	116	38	1	116	38	..	..	..
WRECKED/STRANDED	LPG TANKER	1	6 733	29	1	6 733	29	..	..	..
	CHEMICAL	1	1 249	32	..	..	..	1	1 249	32
	OIL PRODUCTS TANKER	1	3 860	31	1	3 860	31	..	..	..
	BULK DRY	3	45 485	26	1	12 332	25	2	33 153	27
	GENERAL CARGO	17	58 467	24	13	30 903	27	4	27 564	17
	CONTAINER	1	5 718	21	1	5 718	21	..	..	..
	FISH CATCHING	5	3 352	15	5	3 352	15	..	..	..
	OFFSHORE SUPPLY	1	746	26	1	746	26	..	..	..
	TOWING/PUSHING	1	251	16	1	251	16	..	..	..
	OTHER	CHEMICAL	1	17 955	24	1	17 955	24
BULK DRY	1	13 538	26	..	..	..	1	13 538	26	
GENERAL CARGO	7	39 240	29	3	5 541	32	4	33 699	27	
CONTAINER	1	24 699	29	..	..	..	1	24 699	29	
RO-RO CARGO	1	3 559	26	..	..	..	1	3 559	26	
FISH CATCHING	3	557	29	3	557	29	..	..	..

TABLE 4B TOTAL LOSSES - BY SHIPTYPE CATEGORY AND INCIDENT TYPE

1998

SHIPTYPE CATEGORY	INCIDENT TYPE	TOTALS				ATL				CTL			
		No.	GT	Dwt	Age	No.	GT	Dwt	Age	No.	GT	Dwt	Age
LPG TANKER	FOUNDERED	1	1 320	1 608	24	..	..	..	..	1	1 320	1 608	24
	WRECKED/STRANDED	1	6 733	7 062	29	1	6 733	7 062	29	..	..	..	..
CHEMICAL	WRECKED/STRANDED	1	1 249	1 940	32	..	..	..	..	1	1 249	1 940	32
	OTHER	1	17 955	31 241	24	..	..	..	..	1	17 955	31 241	24
OIL PRODUCTS TANKER	FOUNDERED	3	3 330	5 327	27	3	3 330	5 327	27	..	..	..	..
	CONTACT	1	999	2 534	27	1	999	2 534	27	..	..	..	..
	WRECKED/STRANDED	1	3 860	4 663	31	1	3 860	4 663	31	..	..	..	..
BULK DRY	FOUNDERED	7	109 749	174 546	22	7	109 749	174 546	22	..	..	..	..
	FIRE/EXPLOSION	3	52 346	92 527	26	1	22 246	41 102	24	2	30 100	51 425	27
	COLLISION	3	24 651	40 367	21	1	3 961	5 995	20	2	20 690	34 372	21
	WRECKED/STRANDED	3	45 485	73 616	26	1	12 332	20 475	25	2	33 153	53 141	27
	OTHER	1	13 538	22 258	26	..	..	..	..	1	13 538	22 258	26
GENERAL CARGO	FOUNDERED	32	93 702	135 855	24	31	93 269	135 318	24	1	433	537	34
	MISSING	1	2 824	5 145	7	1	2 824	5 145	7	..	..	..	..
	FIRE/EXPLOSION	4	16 084	24 420	48	2	11 146	16 364	73	2	4 938	8 056	24
	COLLISION	8	30 599	49 283	22	3	11 052	18 302	17	5	19 547	30 981	24
	CONTACT	3	4 874	6 750	38	1	1 196	1 765	32	2	3 678	4 985	41
	WRECKED/STRANDED	17	58 467	88 800	24	13	30 903	49 532	27	4	27 564	39 268	17
	OTHER	7	39 240	57 745	29	3	5 541	7 688	32	4	33 699	50 057	27
CONTAINER	FOUNDERED	1	3 987	4 856	1	1	3 987	4 856	1	..	..	..	..
	WRECKED/STRANDED	1	5 718	6 421	21	1	5 718	6 421	21	..	..	..	..
	OTHER	1	24 699	28 225	29	..	..	..	..	1	24 699	28 225	29
REFRIGERATED CARGO	FIRE/EXPLOSION	2	3 794	4 272	30	2	3 794	4 272	30	..	..	..	..
RO-RO CARGO	FOUNDERED	1	535	535	19	1	535	535	19	..	..	..	..
	FIRE/EXPLOSION	1	39 353	13 068	14	..	..	..	..	1	39 353	13 068	14
	COLLISION	1	7 586	7 613	21	1	7 586	7 613	21	..	..	..	..
	OTHER	1	3 559	864	26	..	..	..	..	1	3 559	864	26
PASSENGER/RO-RO CARGO	FOUNDERED	2	13 808	3 304	26	2	13 808	3 304	26	..	..	..	..
	FIRE/EXPLOSION	2	6 045	2 316	33	1	1 134	250	32	1	4 911	2 066	34
PASSENGER (CRUISE)	FOUNDERED	1	676	676	71	1	676	676	71	..	..	..	..
PASSENGER SHIP	FOUNDERED	1	413	150	24	1	413	150	24	..	..	..	..
FISH CATCHING	FOUNDERED	30	8 806	7 781	22	29	8 701	7 676	21	1	105	105	38
	FIRE/EXPLOSION	5	4 043	6 206	21	5	4 043	6 206	21	..	..	..	..
	COLLISION	7	2 163	1 881	18	7	2 163	1 881	18	..	..	..	..
	WRECKED/STRANDED	5	3 352	2 195	15	5	3 352	2 195	15	..	..	..	..
	OTHER	3	557	665	29	3	557	665	29	..	..	..	..
OTHER FISHING	FOUNDERED	1	1 024	1 524	31	1	1 024	1 524	31	..	..	..	..
OFFSHORE SUPPLY	FOUNDERED	1	455	2 000	15	1	455	2 000	15	..	..	..	..
	FIRE/EXPLOSION	1	863	927	22	..	..	..	..	1	863	927	22
	COLLISION	1	881	1 282	23	..	..	..	..	1	881	1 282	23
	WRECKED/STRANDED	1	746	846	26	1	746	846	26	..	..	..	..
TOWING/PUSHING	FOUNDERED	3	1 124	896	37	2	875	720	47	1	249	176	16
	CONTACT	1	116	116	38	1	116	116	38	..	..	..	..
	WRECKED/STRANDED	1	251	182	16	1	251	182	16	..	..	..	..
DREDGING	FOUNDERED	2	701	1 581	38	2	701	1 581	38	..	..	..	..

TABLE 5 TOTAL LOSSES AND DISPOSALS - BY SHIPTYPE CATEGORY

1998

SHIPTYPE CATEGORY	TOTAL LOSSES				ATL				CTL				DISPOSALS			
	No.	GT	Dwt	Age	No.	GT	Dwt	Age	No.	GT	Dwt	Age	No.	GT	Dwt	Age
LPG TANKER	2	8 053	8 670	27	1	6 733	7 062	29	1	1 320	1 608	24	8	33 942	36 218	30
CHEMICAL	2	19 204	33 181	28	..	..	..	..	2	19 204	33 181	28	4	20 277	32 151	25
CRUDE OIL TANKER	..	..	..	..	..	..	..	..	..	..	..	..	23	1 756 938	3 457 724	25
OIL PRODUCTS TANKER	5	8 189	12 524	28	5	8 189	12 524	28	..	..	..	..	15	145 122	262 724	30
OTHER LIQUIDS	..	..	..	..	..	..	..	..	..	..	..	..	2	3 558	4 699	47
BULK DRY	17	245 769	403 314	23	10	148 288	242 118	22	7	97 481	161 196	25	206	5 644 832	9 878 040	25
BULK DRY/OIL	..	..	..	..	..	..	..	..	..	..	..	..	11	790 227	1 450 558	23
OTHER BULK DRY	..	..	..	..	..	..	..	..	..	..	..	..	12	266 833	332 285	24
GENERAL CARGO	72	245 790	367 998	26	54	155 931	234 114	26	18	89 859	133 884	25	217	1 720 183	2 496 547	27
CONTAINER	3	34 404	39 502	17	2	9 705	11 277	11	1	24 699	28 225	29	48	1 383 957	1 345 014	25
REFRIGERATED CARGO	2	3 794	4 272	30	2	3 794	4 272	30	..	..	..	..	19	152 202	147 942	28
RO-RO CARGO	4	51 033	22 080	20	2	8 121	8 148	20	2	42 912	13 932	20	7	52 439	52 954	25
PASSENGER/RO-RO CARGO	4	19 853	5 620	29	3	14 942	3 554	28	1	4 911	2 066	34	9	55 528	12 560	35
PASSENGER (CRUISE)	1	676	676	71	1	676	676	71	..	..	..	..	1	4 258	1 273	22
PASSENGER SHIP	1	413	150	24	1	413	150	24	..	..	..	..	7	15 846	7 317	29
OTHER DRY CARGO	..	..	..	..	..	..	..	..	..	..	..	..	2	5 599	2 318	33
TOTALS	113	637 178	897 987	26	81	356 792	523 895	26	32	280 386	374 092	25	591	12 051 741	19 520 324	26
FISH CATCHING	50	18 921		21	49	18 816		20	1	105		38	111	118 611		25
OTHER FISHING	1	1 024		31	1	1 024		31	..	..		..	8	67 912		26
OFFSHORE SUPPLY	4	2 945		22	2	1 201		21	2	1 744		23	..	..		..
OTHER OFFSHORE	..	..		..	..	..		..	..	..		..	1	307		24
RESEARCH	..	..		..	..	..		..	..	..		..	3	1 096		23
TOWING/PUSHING	5	1 491		33	4	1 242		37	1	249		16	17	4 034		39
DREDGING	2	701		38	2	701		38	..	..		..	5	7 819		34
OTHER ACTIVITIES	..	..		..	..	..		..	..	..		..	14	33 153		27
TOTALS	62	25 082		22	58	22 984		22	4	2 098		25	159	232 932		27
GRAND TOTALS	175	662 260		25	139	379 776		25	36	282 673		26	750	12 284 673		26

TABLE 6 TOTAL LOSSES AND DISPOSALS - BY SHIPTYPE CATEGORY AND DEADWEIGHT RANGE

1998

SHIPTYPE CATEGORY	DEADWEIGHT		TOTALS			ATL			CTL			DISPOSALS		
			No.	Dwt	Age	No.	Dwt	Age	No.	Dwt	Age	No.	Dwt	Age
LPG TANKER	4 999 or less		1	1 608	24	..	..	..	1	1 608	24	5	8 734	30
	5 000 - 9 999		1	7 062	29	1	7 062	29	..	..	..	1	5 595	28
	10 000 - 14 999		..	..	..	..	..	..	..	..	..	2	21 889	33
CHEMICAL	4 999 or less		1	1 940	32	..	..	..	1	1 940	32	2	1 573	22
	5 000 - 9 999		..	..	..	..	..	..	..	..	..	1	5 378	32
	25 000 - 29 999		..	..	..	..	..	..	..	..	..	1	25 200	24
	30 000 - 34 999		1	31 241	24	..	..	..	1	31 241	24	..	..	..
CRUDE OIL TANKER	25 000 - 29 999		..	..	..	..	..	..	..	..	..	2	57 842	24
	35 000 - 39 999		..	..	..	..	..	..	..	..	..	2	74 550	25
	45 000 - 49 999		..	..	..	..	..	..	..	..	..	1	49 534	37
	60 000 - 69 999		..	..	..	..	..	..	..	..	..	2	126 000	28
	70 000 - 79 999		..	..	..	..	..	..	..	..	..	2	158 572	26
	100 000 - 124 999		..	..	..	..	..	..	..	..	..	1	116 750	29
	125 000 - 149 999		..	..	..	..	..	..	..	..	..	3	414 428	24
	150 000 - 174 999		..	..	..	..	..	..	..	..	..	2	302 619	20
	200 000 - 249 999		..	..	..	..	..	..	..	..	..	3	705 251	24
	250 000 or over		..	..	..	..	..	..	..	..	..	5	1 452 178	23
	OIL PRODUCTS TANKER	4 999 or less		5	12 524	28	5	12 524	28	7	13 357	30
15 000 - 19 999			..	..	..	..	..	..	..	..	..	3	47 399	27
20 000 - 24 999			..	..	..	..	..	..	..	..	..	2	41 870	35
25 000 - 29 999			..	..	..	..	..	..	..	..	..	1	28 587	22
35 000 - 39 999			..	..	..	..	..	..	..	..	..	1	39 366	42
90 000 - 99 999			..	..	..	..	..	..	..	..	..	1	92 145	22
OTHER LIQUIDS	4 999 or less		..	..	..	..	..	..	..	..	..	2	4 699	47
BULK DRY	5 000 - 9 999		1	5 995	20	1	5 995	20	..	..	..	1	9 247	25
	10 000 - 14 999		..	..	..	..	..	..	..	..	..	6	73 729	27
	15 000 - 19 999		5	88 301	25	2	36 300	27	3	52 001	23	20	373 084	26
	20 000 - 24 999		4	84 233	19	3	61 975	17	1	22 258	26	19	433 372	25
	25 000 - 29 999		3	82 363	26	1	29 222	26	2	53 141	27	46	1 257 021	25
	30 000 - 34 999		2	66 096	25	1	32 300	25	1	33 796	25	24	783 413	26
	35 000 - 39 999		1	35 224	24	1	35 224	24	..	..	..	16	602 429	25
	40 000 - 44 999		1	41 102	24	1	41 102	24	..	..	..	8	335 019	27
	45 000 - 49 999		..	..	..	..	..	..	..	..	..	1	49 950	24
	50 000 - 59 999		..	..	..	..	..	..	..	..	..	14	740 524	25
	60 000 - 69 999		..	..	..	..	..	..	..	..	..	15	973 140	25
	70 000 - 79 999		..	..	..	..	..	..	..	..	..	6	457 118	24
	80 000 - 89 999		..	..	..	..	..	..	..	..	..	5	412 836	24
	100 000 - 124 999		..	..	..	..	..	..	..	..	..	14	1 633 344	24
	125 000 - 149 999		..	..	..	..	..	..	..	..	..	8	1 083 560	25
	150 000 - 174 999		..	..	..	..	..	..	..	..	..	1	167 698	25
	200 000 - 249 999		..	..	..	..	..	..	..	..	..	1	227 557	26
250 000 or over		..	..	..	..	..	..	..	..	..	1	264 999	24	
BULK DRY/OIL	70 000 - 79 999		..	..	..	..	..	..	..	..	..	1	78 075	22
	80 000 - 89 999		..	..	..	..	..	..	..	..	..	1	84 790	23

TABLE 6 TOTAL LOSSES AND DISPOSALS - BY SHIPTYPE CATEGORY AND DEADWEIGHT RANGE

1998

SHIPTYPE CATEGORY	DEADWEIGHT		TOTALS			ATL			CTL			DISPOSALS		
			No.	Dwt	Age	No.	Dwt	Age	No.	Dwt	Age	No.	Dwt	Age
BULK DRY/OIL (Continued)	100 000 -	124 999	..	..	..	..	..	..	..	..	..	5	548 552	23
	125 000 -	149 999	..	..	..	..	..	..	..	..	..	1	133 752	19
	150 000 -	174 999	..	..	..	..	..	..	..	..	..	2	329 801	25
	250 000 or over		..	..	..	..	..	..	..	..	..	1	275 588	25
OTHER BULK DRY	4 999 or less		..	..	..	..	..	..	..	..	..	3	1 936	25
	20 000 -	24 999	..	..	..	..	..	..	..	..	..	2	49 063	26
	30 000 -	34 999	..	..	..	..	..	..	..	..	..	2	64 405	26
	35 000 -	39 999	..	..	..	..	..	..	..	..	..	1	36 981	22
	40 000 -	44 999	..	..	..	..	..	..	..	..	..	3	125 705	23
	50 000 -	59 999	..	..	..	..	..	..	..	..	..	1	54 195	22
GENERAL CARGO	4 999 or less		47	98 498	28	37	74 167	28	10	24 331	28	47	71 272	29
	5 000 -	9 999	13	86 175	21	11	73 421	22	2	12 754	18	40	301 781	28
	10 000 -	14 999	4	51 243	22	3	39 788	23	1	11 455	20	62	824 747	26
	15 000 -	19 999	7	111 583	24	3	46 738	23	4	64 845	25	54	882 921	26
	20 000 -	24 999	1	20 499	27	..	..	..	1	20 499	27	5	104 688	23
	25 000 -	29 999	..	..	..	..	..	..	..	..	..	3	82 779	25
	30 000 -	34 999	..	..	..	..	..	..	..	..	..	1	33 932	27
	35 000 -	39 999	..	..	..	..	..	..	..	..	..	5	194 427	24
CONTAINER	4 999 or less		1	4 856	1	1	4 856	1	..	..	..	1	4 527	35
	5 000 -	9 999	1	6 421	21	1	6 421	21	..	..	..	1	5 633	24
	10 000 -	14 999	..	..	..	..	..	..	..	..	..	7	97 836	26
	15 000 -	19 999	..	..	..	..	..	..	..	..	..	4	73 417	26
	20 000 -	24 999	..	..	..	..	..	..	..	..	..	8	183 825	24
	25 000 -	29 999	1	28 225	29	..	..	..	1	28 225	29	11	292 790	26
	30 000 -	34 999	..	..	..	..	..	..	..	..	..	4	129 904	26
	35 000 -	39 999	..	..	..	..	..	..	..	..	..	2	79 208	22
	40 000 -	44 999	..	..	..	..	..	..	..	..	..	1	44 695	26
	45 000 -	49 999	..	..	..	..	..	..	..	..	..	9	433 179	24
REFRIGERATED CARGO	4 999 or less		2	4 272	30	2	4 272	30	..	..	..	3	3 163	34
	5 000 -	9 999	..	..	..	..	..	..	..	..	..	9	61 151	27
	10 000 -	14 999	..	..	..	..	..	..	..	..	..	6	68 418	27
	15 000 -	19 999	..	..	..	..	..	..	..	..	..	1	15 210	24
RO-RO CARGO	4 999 or less		2	1 399	23	1	535	19	1	864	26	3	5 928	33
	5 000 -	9 999	1	7 613	21	1	7 613	21	..	..	..	2	15 056	22
	10 000 -	14 999	1	13 068	14	..	..	..	1	13 068	14	..	..	..
	15 000 -	19 999	..	..	..	..	..	..	..	..	..	2	31 970	17
PASSENGER/RO-RO CARGO	4 999 or less	4	5 620	29	3	3 554	28	1	2 066	34	9	12 560	35	
PASSENGER (CRUISE)	4 999 or less	1	676	71	1	676	71	..	..	..	1	1 273	22	
PASSENGER SHIP	4 999 or less	1	150	24	1	150	24	..	..	..	7	7 317	29	
OTHER DRY CARGO	4 999 or less	..	..	..	..	..	..	..	..	..	2	2 318	33	

TABLE 7A TOTAL LOSSES - BY SHIPTYPE CATEGORY

1998

SHIPTYPE CATEGORY	1993			1994			1995			1996			1997			1998		
	No.	GT	Age	No.	GT	Age	No.	GT	Age	No.	GT	Age	No.	GT	Age	No.	GT	Age
LNG TANKER	..	..	..	1	5 706	18	..	..	..	..	..	..	..	..	..	..	..	..
LPG TANKER	1	1 143	34	..	..	..	2	1 165	22	2	13 011	25	3	3 372	26	2	8 053	27
CHEMICAL	5	25 552	18	2	6 569	26	4	7 279	23	2	5 677	19	3	2 534	18	2	19 204	28
CRUDE OIL TANKER	4	131 383	19	8	593 050	20	1	144 567	5	2	142 912	21	3	206 898	20	..	..	..
OIL PRODUCTS TANKER	8	68 367	16	5	32 293	18	10	25 529	22	9	21 579	30	10	49 926	27	5	8 189	28
OTHER LIQUIDS	2	945	35	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
BULK DRY	6	120 056	21	17	471 367	22	9	336 640	17	15	355 334	21	13	332 578	21	17	245 769	23
BULK DRY/OIL	2	112 816	20	3	226 059	20	1	96 039	23	..	..	..	1	85 963	24	..	..	..
SELF-DISCHARGING BULK DRY	1	14 941	19	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
OTHER BULK DRY	6	11 868	21	1	1 934	17	9	14 092	22	7	15 725	24	..	..	..	..	..	..
GENERAL CARGO	113	331 993	24	82	254 296	24	91	227 169	26	99	306 300	24	81	268 993	24	72	245 790	26
PASSENGER/GENERAL CARGO	1	618	32	4	9 067	30	1	185	22	1	11 888	32	1	545	42	..	..	..
CONTAINER	1	4 827	13	..	..	..	..	..	..	6	93 862	16	4	110 761	16	3	34 404	17
REFRIGERATED CARGO	3	18 046	23	8	24 095	25	4	20 811	26	4	12 943	20	5	19 093	19	2	3 794	30
RO-RO CARGO	5	6 906	15	5	46 661	19	6	26 931	17	1	1 254	13	2	29 882	25	4	51 033	20
PASSENGER/RO-RO CARGO	8	15 546	28	8	44 766	22	1	4 841	39	5	8 992	23	2	4 719	36	4	19 853	29
PASSENGER (CRUISE)	1	4 195	35	2	43 334	45	..	..	..	1	2 204	34	2	39 149	52	1	676	71
PASSENGER SHIP	3	1 325	19	3	26 617	32	10	18 980	30	3	14 716	20	..	..	..	1	413	24
OTHER DRY CARGO	1	21 166	21	1	13 570	27	1	399	34	3	25 536	30	..	..	..	..	..	..
FISH CATCHING	83	51 209	20	64	46 577	20	77	39 021	21	54	24 831	21	43	14 785	22	50	18 921	21
OTHER FISHING	4	6 856	20	3	32 680	36	2	3 647	20	3	13 948	13	..	..	..	1	1 024	31
OFFSHORE SUPPLY	4	2 099	23	2	817	19	5	3 738	20	4	1 860	27	2	1 314	21	4	2 945	22
OTHER OFFSHORE	..	..	..	1	134	35	..	..	..	..	..	..	..	..	..	..	..	..
RESEARCH	2	3 060	14	..	..	..	1	198	29	2	652	25	..	..	..	..	..	..
TOWING/PUSHING	9	2 561	30	11	2 624	24	10	2 952	20	7	2 839	24	3	1 617	26	5	1 491	33
DREDGING	4	10 429	26	1	997	29	2	5 057	18	4	12 297	23	2	3 055	33	2	701	38
OTHER ACTIVITIES	1	205	20	2	12 466	34	1	280	12	4	1 721	30	1	114	26	..	..	..
TOTALS	278	968 112	22	234	1 895 679	23	248	979 520	23	238	1 090 081	23	181	1 175 298	24	175	662 260	25

TABLE 7B DISPOSALS - BY SHIPTYPE CATEGORY

1998

SHIPTYPE CATEGORY	1993			1994			1995			1996			1997			1998		
	No.	GT	Age	No.	GT	Age	No.	GT	Age	No.	GT	Age	No.	GT	Age	No.	GT	Age
LNG TANKER	..	..	..	1	1 584	22	..	..	..	..	..	..	1	20 653	33	..	..	..
LPG TANKER	14	88 125	27	11	20 699	26	6	6 949	26	8	23 728	29	14	93 116	29	8	33 942	30
CHEMICAL	17	155 724	24	19	92 422	26	8	43 324	26	15	61 031	20	21	92 164	25	4	20 277	25
CRUDE OIL TANKER	64	4 735 673	22	65	5 550 490	22	50	4 803 709	22	27	2 496 417	22	21	1 529 973	23	23	1 756 938	25
OIL PRODUCTS TANKER	55	757 472	26	65	616 373	27	70	764 403	28	65	427 932	25	55	274 681	26	15	145 122	30
OTHER LIQUIDS	2	2 884	24	3	4 054	37	3	18 296	36	..	..	..	4	18 884	26	2	3 558	47
BULK DRY	61	1 769 644	24	78	2 164 102	26	36	1 037 331	27	104	3 139 346	25	147	3 827 403	26	206	5 644 832	25
BULK DRY/OIL	15	1 017 394	21	16	1 046 138	22	9	681 764	22	20	1 334 861	23	9	732 851	23	11	790 227	23
SELF-DISCHARGING BULK DRY	3	32 268	54	2	33 161	39	2	21 285	54	1	7 356	91	..	..	..	..	..	..
OTHER BULK DRY	10	19 825	26	13	9 610	25	18	9 682	26	20	288 422	24	16	200 824	25	12	266 833	24
GENERAL CARGO	152	897 713	29	184	1 033 662	31	151	776 368	29	202	1 132 447	27	325	2 116 992	26	217	1 720 183	27
PASSENGER/GENERAL CARGO	1	2 092	38	6	32 288	34	2	2 083	33	12	92 941	32	3	3 906	36	..	..	..
CONTAINER	6	86 243	26	3	43 454	25	9	187 408	25	13	252 756	28	22	405 671	25	48	1 383 957	25
REFRIGERATED CARGO	48	298 354	26	49	301 351	27	39	247 440	28	26	131 745	28	11	59 744	28	19	152 202	28
RO-RO CARGO	3	39 505	19	12	141 948	20	5	160 329	16	9	48 370	32	5	105 498	21	7	52 439	25
PASSENGER/RO-RO CARGO	3	2 466	33	12	17 866	38	5	19 995	30	3	16 650	44	8	49 821	36	9	55 528	35
PASSENGER (CRUISE)	1	317	40	1	5 243	36	3	15 440	33	2	9 675	35	6	108 205	38	1	4 258	22
PASSENGER SHIP	9	5 898	22	9	1 287	22	12	5 901	30	4	3 744	29	6	1 069	23	7	15 846	29
OTHER DRY CARGO	..	..	..	2	9 417	28	3	75 247	26	2	55 280	27	3	51 546	34	2	5 599	33
FISH CATCHING	327	181 575	22	277	325 060	22	359	479 938	24	258	316 177	24	127	209 192	26	111	118 611	25
OTHER FISHING	24	122 519	27	31	330 002	26	28	286 066	26	22	123 305	26	15	163 320	28	8	67 912	26
OFFSHORE SUPPLY	1	838	18	..	..	..	1	198	16	2	957	26	..	..	..	..	..	..
OTHER OFFSHORE	9	28 239	35	4	18 473	23	2	44 535	40	2	1 723	20	2	6 494	45	1	307	24
RESEARCH	2	2 893	22	4	16 053	28	3	8 528	28	8	62 803	28	3	1 200	40	3	1 096	23
TOWING/PUSHING	24	6 999	31	17	5 467	29	31	12 334	37	35	16 908	37	21	6 473	35	17	4 034	39
DREDGING	16	11 018	25	6	3 987	32	5	2 105	27	8	4 032	29	13	10 932	28	5	7 819	34
OTHER ACTIVITIES	11	44 590	31	13	15 019	34	22	51 424	30	10	10 657	30	17	38 555	29	14	33 153	27
TOTALS	878	10 310 268	25	903	11 839 210	26	882	9 762 082	26	878	10 059 263	26	875	10 129 167	26	750	12 284 673	26

TABLE 8 DISPOSALS - BY REGISTRATION

1998

REGISTRATION	TOTALS			CARGO CARRYING SHIPS				SHIPS OF MISCELLANEOUS ACTIVITIES		
	No.	GT	Age	No.	GT	Dwt	Age	No.	GT	Age
ALBANIA	1	3 804	37	1	3 804	5 037	37	..	..	..
BAHAMAS	15	350 203	25	15	350 203	563 044	25	..	..	..
BARBADOS	2	22 968	25	2	22 968	37 719	25	..	..	..
BELGIUM	1	136	37	..	..	..	..	1	136	37
BELIZE	19	208 843	28	17	205 598	314 051	28	2	3 245	25
BERMUDA	1	56 822	25	1	56 822	48 542	25	..	..	..
BOLIVIA	1	20 813	25	1	20 813	37 446	25	..	..	..
BRAZIL	13	239 476	37	9	238 507	378 159	25	4	969	62
BULGARIA	1	5 786	33	1	5 786	9 383	33	..	..	..
CAMBODIA	6	64 928	28	6	64 928	92 058	28	..	..	..
CANADA	1	330	34	..	..	..	..	1	330	34
CHINA	28	377 903	26	27	371 929	563 350	26	1	5 974	24
CROATIA	3	30 294	25	3	30 294	43 995	25	..	..	..
CUBA	3	24 874	26	2	22 295	31 162	29	1	2 579	20
CYPRUS	47	1 055 550	25	47	1 055 550	1 787 098	25	..	..	..
DENMARK	1	296	33	..	..	..	..	1	296	33
EGYPT	2	18 802	30	2	18 802	28 369	30	..	..	..
ESTONIA	3	14 080	29	2	13 752	14 800	24	1	328	40
FINLAND	1	184	30	1	184	169	30	..	..	..
GEORGIA	3	10 499	19	..	..	..	..	3	10 499	19
GHANA	1	2 579	22	..	..	..	..	1	2 579	22
GREECE	16	433 982	26	15	433 867	513 678	27	1	115	13
HONDURAS	6	90 798	26	6	90 798	165 255	26	..	..	..
HONG KONG, CHINA	3	87 377	24	3	87 377	155 780	24	..	..	..
INDIA	3	56 995	25	3	56 995	96 368	25	..	..	..
INDONESIA	6	45 768	29	6	45 768	64 026	29	..	..	..
IRAN	4	174 019	28	4	174 019	337 188	28	..	..	..
ISLE OF MAN	2	307 374	22	2	307 374	636 009	22	..	..	..
JAPAN	65	137 701	22	36	132 144	203 957	24	29	5 557	20
JORDAN	1	19 227	31	1	19 227	33 829	31	..	..	..
KOREA (NORTH)	5	41 218	26	5	41 218	77 823	26	..	..	..
KOREA (SOUTH)	2	68 311	24	2	68 311	129 187	24	..	..	..
LATVIA	2	731	39	..	..	..	..	2	731	39
LEBANON	1	10 993	28	1	10 993	18 675	28	..	..	..
LIBERIA	30	980 687	25	30	980 687	1 750 196	25	..	..	..
LITHUANIA	2	15 757	28	1	13 004	11 816	27	1	2 753	29
MALAYSIA	9	127 518	28	9	127 518	126 359	28	..	..	..
MALTA	57	1 203 692	26	57	1 203 692	2 007 285	26	..	..	..
MARSHALL ISLANDS	3	178 090	26	3	178 090	317 578	26	..	..	..
MAURITIUS	1	8 449	22	1	8 449	9 412	22	..	..	..
MEXICO	1	12 763	31	1	12 763	21 760	31	..	..	..
MOROCCO	1	235	42	..	..	..	..	1	235	42
NETHERLANDS	3	117 644	29	2	114 654	93 968	25	1	2 990	37
NETHERLANDS ANTILLES	1	11 373	18	1	11 373	14 650	18	..	..	..
NIGERIA	1	8 874	30	1	8 874	13 805	30	..	..	..
NORWAY (NIS)	3	239 893	23	3	239 893	480 872	23	..	..	..
PANAMA	97	2 339 575	26	97	2 339 575	3 643 066	26	..	..	..
PHILIPPINES	7	86 846	28	7	86 846	130 202	28	..	..	..
POLAND	9	178 551	26	9	178 551	282 435	26	..	..	..
ROMANIA	5	34 217	24	3	27 083	38 360	25	2	7 134	22
RUSSIA	77	439 926	27	22	315 176	482 876	30	55	124 750	25
SAINT VINCENT	58	1 302 348	27	55	1 287 017	2 165 093	26	3	15 331	33
SAUDI ARABIA	1	6 589	33	1	6 589	7 620	33	..	..	..
SINGAPORE	11	174 173	25	11	174 173	247 662	25	..	..	..
SOUTH AFRICA	1	339	33	..	..	..	..	1	339	33
SPAIN	19	5 185	29	1	657	1 070	33	18	4 528	29
SRI LANKA	1	18 048	27	1	18 048	25 000	27	..	..	..
SYRIA	1	2 825	33	1	2 825	3 517	33	..	..	..
THAILAND	2	17 347	23	2	17 347	27 876	23	..	..	..
TURKEY	10	242 358	26	10	242 358	422 707	26	..	..	..
TURKMENISTAN	1	950	21	1	950	1 621	21	..	..	..
UKRAINE	31	125 509	28	13	101 372	130 267	29	18	24 137	27
UNITED ARAB EMIRATES	2	91 699	24	2	91 699	175 101	24	..	..	..
UNITED KINGDOM	6	38 210	31	1	24 699	28 341	29	5	13 511	32
UNITED STATES OF AMERICA	4	106 790	29	4	106 790	192 139	29	..	..	..
VANUATU	1	1 501	26	1	1 501	1 119	26	..	..	..
VIETNAM	3	996	14	2	712	760	12	1	284	17
YUGOSLAVIA	1	366	44	1	366	409	44	..	..	..
UNKNOWN	21	181 686	32	16	178 084	279 225	31	5	3 602	34
TOTALS	750	12 284 673	26	591	12 051 741	19 520 324	26	159	232 932	27

TABLE 9 DISPOSALS - BY REGISTRATION AND SHIPTYPE CATEGORY

1998

REGISTRATION	SHIPTYPE CATEGORY	No.	GT	Age
ALBANIA	GENERAL CARGO	1	3 804	37
BAHAMAS	LPG TANKER	1	1 780	28
	CRUDE OIL TANKER	1	87 199	20
	BULK DRY	2	48 958	25
	OTHER BULK DRY	1	34 157	22
	GENERAL CARGO	9	170 045	24
	REFRIGERATED CARGO	1	8 064	28
BARBADOS	GENERAL CARGO	2	22 968	25
BELGIUM	TOWING/PUSHING	1	136	37
BELIZE	CRUDE OIL TANKER	1	41 954	28
	BULK DRY	4	54 438	24
	OTHER BULK DRY	1	30 943	27
	GENERAL CARGO	11	78 263	29
	FISH CATCHING	2	3 245	25
BERMUDA	CONTAINER	1	56 822	25
BOLIVIA	BULK DRY	1	20 813	25
BRAZIL	CRUDE OIL TANKER	3	100 039	26
	BULK DRY/OIL	1	78 543	19
	CONTAINER	5	59 925	27
	TOWING/PUSHING	4	969	62
BULGARIA	GENERAL CARGO	1	5 786	33
CAMBODIA	BULK DRY	1	19 961	26
	GENERAL CARGO	5	44 967	28
CANADA	FISH CATCHING	1	330	34
CHINA	BULK DRY	2	108 844	24
	GENERAL CARGO	23	220 127	25
	CONTAINER	2	42 958	30
	OTHER ACTIVITIES	1	5 974	24
CROATIA	GENERAL CARGO	3	30 294	25
CUBA	GENERAL CARGO	2	22 295	29
	FISH CATCHING	1	2 579	20
CYPRUS	OIL PRODUCTS TANKER	1	16 411	22
	BULK DRY	30	735 253	25
	BULK DRY/OIL	3	160 287	22
	GENERAL CARGO	11	120 126	24
	CONTAINER	1	15 666	26
	REFRIGERATED CARGO	1	7 807	30
DENMARK	DREDGING	1	296	33
EGYPT	OIL PRODUCTS TANKER	1	13 235	38
	GENERAL CARGO	1	5 567	22
ESTONIA	GENERAL CARGO	2	13 752	24
	FISH CATCHING	1	328	40
FINLAND	GENERAL CARGO	1	184	30
GEORGIA	FISH CATCHING	3	10 499	19
GHANA	FISH CATCHING	1	2 579	22
GREECE	BULK DRY	6	126 588	27
	GENERAL CARGO	1	655	41
	CONTAINER	8	306 624	25
	FISH CATCHING	1	115	13
HONDURAS	OIL PRODUCTS TANKER	1	44 489	22
	BULK DRY	2	32 947	24
	GENERAL CARGO	3	13 362	29
HONG KONG, CHINA	BULK DRY	1	64 409	23
	GENERAL CARGO	2	22 968	25
INDIA	BULK DRY	2	45 193	24
	GENERAL CARGO	1	11 802	27
INDONESIA	OIL PRODUCTS TANKER	3	26 969	27
	GENERAL CARGO	2	9 097	29
	PASSENGER SHIP	1	9 702	36
IRAN	CRUDE OIL TANKER	1	138 276	25
	BULK DRY	2	24 548	28
	GENERAL CARGO	1	11 195	31

TABLE 9 DISPOSALS - BY REGISTRATION AND SHIPTYPE CATEGORY (Continued)

1998

REGISTRATION	SHIPTYPE CATEGORY	No.	GT	Age
ISLE OF MAN	CRUDE OIL TANKER	2	307 374	22
JAPAN	CHEMICAL	2	1 175	22
	OIL PRODUCTS TANKER	2	834	22
	OTHER LIQUIDS	1	199	61
	BULK DRY	1	89 014	25
	OTHER BULK DRY	2	687	25
	GENERAL CARGO	22	9 105	23
	CONTAINER	1	29 955	24
	REFRIGERATED CARGO	1	302	19
	PASSENGER/RO-RO CARGO	1	498	32
	PASSENGER SHIP	3	375	25
	FISH CATCHING	22	3 767	18
	OTHER FISHING	2	378	18
	TOWING/PUSHING	3	728	29
	DREDGING	1	562	25
	OTHER ACTIVITIES	1	122	27
JORDAN	BULK DRY	1	19 227	31
KOREA (NORTH)	BULK DRY	4	38 999	26
	GENERAL CARGO	1	2 219	27
KOREA (SOUTH)	BULK DRY	1	64 863	22
	GENERAL CARGO	1	3 448	26
LATVIA	FISH CATCHING	1	493	38
	TOWING/PUSHING	1	238	40
LEBANON	BULK DRY	1	10 993	28
LIBERIA	LPG TANKER	2	12 313	34
	CHEMICAL	2	19 102	28
	CRUDE OIL TANKER	4	352 026	23
	BULK DRY	10	411 608	25
	OTHER BULK DRY	2	65 196	23
	GENERAL CARGO	6	60 252	24
	CONTAINER	2	47 123	26
	REFRIGERATED CARGO	2	13 067	30
LITHUANIA	REFRIGERATED CARGO	1	13 004	27
	FISH CATCHING	1	2 753	29
MALAYSIA	GENERAL CARGO	3	13 984	30
	CONTAINER	3	101 354	21
	RO-RO CARGO	1	5 091	24
	PASSENGER/RO-RO CARGO	2	7 089	36
MALTA	BULK DRY	43	1 034 008	26
	GENERAL CARGO	11	109 536	26
	CONTAINER	2	52 540	26
	REFRIGERATED CARGO	1	7 608	20
MARSHALL ISLANDS	BULK DRY	2	90 634	28
	BULK DRY/OIL	1	87 456	24
MAURITIUS	GENERAL CARGO	1	8 449	22
MEXICO	OIL PRODUCTS TANKER	1	12 763	31
MOROCCO	TOWING/PUSHING	1	235	42
NETHERLANDS	CONTAINER	2	114 654	25
	DREDGING	1	2 990	37
NETHERLANDS ANTILLES	GENERAL CARGO	1	11 373	18
NIGERIA	GENERAL CARGO	1	8 874	30
NORWAY (NIS)	CRUDE OIL TANKER	1	115 626	23
	BULK DRY	1	113 050	26
	CONTAINER	1	11 217	21
PANAMA	LPG TANKER	3	17 734	30
	CRUDE OIL TANKER	2	154 189	24
	OIL PRODUCTS TANKER	1	21 649	42
	BULK DRY	38	1 241 626	25
	BULK DRY/OIL	2	144 482	25
	OTHER BULK DRY	5	135 051	24
	GENERAL CARGO	22	177 543	28
	CONTAINER	12	343 756	25
	REFRIGERATED CARGO	5	47 751	25
	RO-RO CARGO	4	38 527	19
	PASSENGER/RO-RO CARGO	2	15 583	37
	PASSENGER SHIP	1	1 684	36
PHILIPPINES	GENERAL CARGO	4	59 627	27
	CONTAINER	1	21 620	27
	OTHER DRY CARGO	2	5 599	33
POLAND	BULK DRY	8	171 620	25
	GENERAL CARGO	1	6 931	29

TABLE 9 DISPOSALS - BY REGISTRATION AND SHIPTYPE CATEGORY (Continued)

1998

REGISTRATION	SHIPTYPE CATEGORY	No.	GT	Age
ROMANIA	BULK DRY	3	27 083	25
	FISH CATCHING	2	7 134	22
RUSSIA	LPG TANKER	1	614	33
	CRUDE OIL TANKER	1	91 341	20
	OTHER LIQUIDS	1	3 359	33
	BULK DRY	2	76 710	22
	BULK DRY/OIL	1	65 819	20
	OTHER BULK DRY	1	799	25
	GENERAL CARGO	10	44 695	33
	CONTAINER	1	13 212	28
	REFRIGERATED CARGO	3	9 322	36
	PASSENGER/RO-RO CARGO	1	9 305	23
	FISH CATCHING	38	54 066	25
	OTHER FISHING	6	67 534	29
	OTHER OFFSHORE	1	307	24
	RESEARCH /	2	309	25
TOWING/PUSHING	6	1 598	29	
OTHER ACTIVITIES	2	936	14	
SAINT VINCENT	CRUDE OIL TANKER	4	280 028	25
	OIL PRODUCTS TANKER	1	2 978	37
	BULK DRY	18	485 573	26
	BULK DRY/OIL	2	197 408	25
	GENERAL CARGO	25	229 006	26
	CONTAINER	1	56 822	26
	REFRIGERATED CARGO	1	14 512	24
	RO-RO CARGO	1	8 336	22
	PASSENGER/RO-RO CARGO	2	12 354	36
	FISH CATCHING	1	2 513	31
OTHER ACTIVITIES	2	12 818	34	
SAUDI ARABIA	GENERAL CARGO	1	6 589	33
SINGAPORE	BULK DRY	1	41 306	22
	GENERAL CARGO	7	65 761	26
	CONTAINER	3	67 106	26
SOUTH AFRICA	FISH CATCHING	1	339	33
SPAIN	OIL PRODUCTS TANKER	1	657	33
	FISH CATCHING	18	4 528	29
SRI LANKA	BULK DRY	1	18 048	27
SYRIA	GENERAL CARGO	1	2 825	33
THAILAND	GENERAL CARGO	2	17 347	23
TURKEY	BULK DRY	9	186 126	26
	BULK DRY/OIL	1	56 232	25
TURKMENISTAN	OIL PRODUCTS TANKER	1	950	21
UKRAINE	OIL PRODUCTS TANKER	1	3 821	34
	BULK DRY	1	30 575	23
	GENERAL CARGO	6	32 126	31
	REFRIGERATED CARGO	3	30 765	28
	PASSENGER SHIP	2	4 085	27
	FISH CATCHING	9	18 965	26
	RESEARCH	1	787	20
	TOWING/PUSHING	1	130	41
OTHER ACTIVITIES	7	4 255	28	
UNITED ARAB EMIRATES	BULK DRY	2	91 699	24
UNITED KINGDOM	CONTAINER	1	24 699	29
	FISH CATCHING	2	492	25
	DREDGING	2	3 971	37
	OTHER ACTIVITIES	1	9 048	36
UNITED STATES OF AMERICA	CRUDE OIL TANKER	3	88 886	31
	CONTAINER	1	17 904	25
VANUATU	LPG TANKER	1	1 501	26
VIETNAM	GENERAL CARGO	2	712	12
	FISH CATCHING	1	284	17
YUGOSLAVIA	OIL PRODUCTS TANKER	1	366	44
UNKNOWN	BULK DRY	6	120 118	28
	GENERAL CARGO	7	42 524	31
	RO-RO CARGO	1	485	53
	PASSENGER/RO-RO CARGO	1	10 699	45
	PASSENGER (CRUISE)	1	4 258	22
	FISH CATCHING	5	3 602	34

TABLE 10 DISPOSALS - BY REGISTRATION

1998

REGISTRATION	1993			1994			1995			1996			1997			1998		
	No.	GT	Age	No.	GT	Age	No.	GT	Age	No.	GT	Age	No.	GT	Age	No.	GT	Age
BAHAMAS	11	208 301	27	10	449 671	22	2	188 086	22	15	749 724	24	6	213 567	24	15	350 203	25
BRAZIL	..	..	..	3	43 319	29	1	18 318	22	..	..	..	..	..	..	13	239 476	37
CANADA	4	41 200	35	1	350	18	5	22 730	50	1	17 809	33	3	19 518	42	1	330	34
CHINA	1	10 188	35	6	175 566	25	6	170 279	30	18	210 001	26	17	153 843	26	28	377 903	26
CHINA (TAIWAN)	2	103 725	20	3	90 862	25	..	..	..	..	..	..	..	..	..	..	..	..
CYPRUS	31	1 416 858	22	28	1 134 071	22	13	630 733	25	29	1 070 811	25	43	1 108 039	25	47	1 055 550	25
DENMARK	10	1 783	28	8	1 240	23	6	2 166	27	1	231	34	1	225	30	1	296	33
DENMARK (DIS)	..	..	..	2	2 435	30	..	..	..	..	..	..	1	541	34	..	..	..
FRANCE	1	199	24	2	868	39	3	985	29	2	15 399	29	3	1 023	32	..	..	..
GERMANY	2	15 493	35	..	..	..	1	531	39	..	..	..	4	1 859	47	..	..	..
GREECE	28	792 580	26	23	955 449	26	21	669 884	35	24	586 095	36	13	249 137	29	16	433 982	26
HONDURAS	14	84 847	28	6	50 364	32	15	72 448	30	9	131 708	29	7	64 897	27	6	90 798	26
HONG KONG, CHINA	2	153 453	23	2	66 332	21	..	..	..	3	124 434	25	1	35 460	27	3	87 377	24
INDIA	7	48 965	22	9	156 253	21	4	38 268	25	11	256 236	22	7	150 847	24	3	56 995	25
INDONESIA	..	..	..	1	3 692	29	1	12 577	21	..	..	..	1	1 226	28	6	45 768	29
ITALY	7	136 468	29	11	196 323	30	6	15 327	36	10	60 222	35	3	4 733	45	..	..	..
JAPAN	276	82 726	20	189	469 847	20	149	184 697	21	178	40 644	20	156	77 229	21	65	137 701	22
KOREA (SOUTH)	9	259 929	27	4	192 903	25	3	138 280	23	1	91 608	22	2	48 777	25	2	68 311	24
LIBERIA	40	2 031 011	23	22	1 009 425	23	28	1 599 450	23	25	1 102 783	26	26	1 105 673	25	30	980 687	25
MALAYSIA	2	59 142	22	2	12 793	24	..	..	..	1	2 991	27	..	..	..	9	127 518	28
MALTA	27	637 738	25	38	671 948	26	18	373 995	26	25	449 435	27	35	612 174	26	57	1 203 692	26
MEXICO	1	3 542	38	..	..	..	..	..	..	..	..	..	..	..	..	1	12 763	31
NETHERLANDS	..	..	..	1	61 178	28	..	..	..	..	..	..	..	..	..	3	117 644	29
NORWAY	4	949	45	9	2 556	46	4	2 046	28	5	1 164	39	..	..	..	..	..	..
NORWAY (NIS)	3	152 911	22	8	547 064	21	3	275 630	27	4	144 134	24	3	242 448	24	3	239 893	23
PANAMA	87	1 799 683	26	69	1 451 798	26	55	1 198 194	27	67	1 360 306	26	64	1 246 144	27	97	2 339 575	26
PERU	1	1 816	37	2	25 843	25	1	4 297	29	..	..	..	..	..	..	..	..	..
PHILIPPINES	4	6 212	24	8	97 814	28	5	280 089	21	..	..	..	5	47 207	30	7	86 846	28
POLAND	3	9 415	28	4	15 630	24	3	13 436	21	1	2 478	28	13	117 431	27	9	178 551	26
RUSSIA (U.S.S.R.)	59	308 976	26	146	656 710	25	243	984 408	25	174	857 660	26	154	768 410	26	77	439 926	27
SAINT VINCENT	7	26 765	29	2	1 284	39	1	1 848	39	3	8 954	43	1	238	41	..	..	..
SINGAPORE	38	701 583	28	43	596 341	28	21	361 489	29	38	591 008	26	72	1 612 125	27	58	1 302 348	27
SPAIN	3	23 430	24	5	92 104	24	..	..	..	1	499	27	7	242 961	23	11	174 173	25
SWEDEN	42	29 230	26	25	15 994	26	56	19 898	28	51	16 691	29	21	5 216	33	19	5 185	29
TURKEY	..	..	..	1	1 897	41	..	..	..	..	..	..	..	..	..	..	..	..
TURKEY	4	18 961	32	6	110 120	29	6	34 181	33	10	208 733	31	8	136 176	26	10	242 358	26
UNITED KINGDOM	17	48 765	33	12	10 322	34	8	132 451	28	7	34 075	26	8	139 514	32	6	38 210	31
UNITED STATES OF AMERICA	26	320 008	41	37	471 782	45	29	395 935	35	12	250 348	32	9	156 823	35	4	106 790	29
OTHER FLAG STATES	105	773 416	28	155	1 997 062	27	165	1 919 426	28	152	1 673 082	28	181	1 565 706	28	143	1 743 824	28
TOTALS	878	10 310 268	25	903	11 839 210	26	882	9 762 082	26	878	10 059 263	26	875	10 129 167	26	750	12 284 673	26

TABLE 11 DISPOSALS - BY COUNTRY OF BREAKING

1998

COUNTRY OF BREAKING	TOTALS			CARGO CARRYING SHIPS				SHIPS OF MISCELLANEOUS ACTIVITIES		
	No.	GT	Age	No.	GT	Dwt	Age	No.	GT	Age
BANGLADESH	63	2 626 359	25	63	2 626 359	4 502 658	25	..	..	..
BRAZIL	4	969	62	..	..	..	..	4	969	62
CHINA	30	550 201	26	23	540 753	920 931	26	7	9 448	26
CHINA (TAIWAN)	1	5 789	20	1	5 789	6 396	20	..	..	..
CROATIA	1	366	44	1	366	409	44	..	..	..
DENMARK	2	480	32	1	184	169	30	1	296	33
EGYPT	3	24 444	30	3	24 444	37 011	30	..	..	..
ESTONIA	2	1 182	39	1	854	890	37	1	328	40
GREECE	1	655	41	1	655	946	41	..	..	..
INDIA	370	6 256 158	26	354	6 144 840	9 281 335	26	16	111 318	28
INDONESIA	3	26 969	27	3	26 969	47 399	27	..	..	..
JAPAN	64	19 212	22	34	13 175	24 193	24	30	6 037	20
LATVIA	3	1 451	34	..	..	..	..	3	1 451	34
LEBANON	1	398	47	1	398	777	47	..	..	..
MALAYSIA	1	332	39	1	332	139	39	..	..	..
MEXICO	8	40 161	27	5	32 424	48 740	30	3	7 737	21
MOROCCO	1	235	42	..	..	..	..	1	235	42
NETHERLANDS	3	1 563	33	1	1 103	1 072	39	2	460	31
NORWAY	1	646	39	..	..	..	..	1	646	39
PAKISTAN	57	2 210 276	25	57	2 210 276	4 027 675	25	..	..	..
PANAMA	1	499	40	1	499	852	40	..	..	..
PERU	2	22 087	17	2	22 087	31 970	17	..	..	..
PHILIPPINES	4	146 871	24	4	146 871	221 979	24	..	..	..
RUSSIA	37	25 269	26	4	3 007	3 320	37	33	22 262	25
SOUTH AFRICA	2	444	26	..	..	..	..	2	444	26
SPAIN	23	33 459	31	3	13 730	23 692	34	20	19 729	30
TURKEY	27	182 005	27	14	141 822	187 399	31	13	40 183	22
TURKMENISTAN	1	950	21	1	950	1 621	21	..	..	..
UKRAINE	11	5 620	31	2	617	163	35	9	5 003	30
UNITED KINGDOM	3	1 484	30	..	..	..	..	3	1 484	30
UNITED STATES OF AMERICA	1	1 684	36	1	1 684	1 684	36	..	..	..
URUGUAY	1	797	37	..	..	..	..	1	797	37
VIETNAM	7	73 854	20	4	71 995	130 645	20	3	1 859	19
UNKNOWN	11	21 804	34	5	19 558	16 259	37	6	2 246	31
TOTALS	750	12 284 673	26	591	12 051 741	19 520 324	26	159	232 932	27

TABLE 12 DISPOSALS - BY COUNTRY OF BREAKING AND SHIPTYPE CATEGORY

1998

COUNTRY OF BREAKING	SHIPTYPE CATEGORY				
		No.	GT	Age	
BANGLADESH	CRUDE OIL TANKER	13	1 025 123	25	
	OIL PRODUCTS TANKER	1	44 489	22	
	BULK DRY	18	687 395	24	
	BULK DRY/OIL	3	307 815	23	
	OTHER BULK DRY	3	96 521	26	
	GENERAL CARGO	13	128 582	26	
	CONTAINER	8	313 440	25	
	REFRIGERATED CARGO	2	9 069	34	
	RO-RO CARGO	2	13 925	23	
CHINA	LPG TANKER	1	614	33	
	CRUDE OIL TANKER	1	129 280	24	
	BULK DRY	8	241 665	25	
	OTHER BULK DRY	1	30 585	22	
	GENERAL CARGO	9	88 043	27	
	CONTAINER	2	42 958	30	
	REFRIGERATED CARGO	1	7 608	20	
	FISH CATCHING	4	8 074	31	
	TOWING/PUSHING	2	629	24	
	OTHER ACTIVITIES	1	745	12	
INDIA	LPG TANKER	3	7 634	29	
	CHEMICAL	1	15 377	24	
	CRUDE OIL TANKER	3	64 886	25	
	OIL PRODUCTS TANKER	2	24 627	40	
	BULK DRY	127	3 101 952	25	
	BULK DRY/OIL	4	238 928	22	
	OTHER BULK DRY	3	83 549	25	
	GENERAL CARGO	150	1 388 809	26	
	CONTAINER	38	1 027 559	25	
	REFRIGERATED CARGO	13	129 179	27	
	RO-RO CARGO	2	15 942	22	
	PASSENGER/RO-RO CARGO	3	22 873	31	
	PASSENGER (CRUISE)	1	4 258	22	
	PASSENGER SHIP	2	13 668	32	
	OTHER DRY CARGO	2	5 599	33	
	FISH CATCHING	9	26 445	27	
	OTHER FISHING	4	66 081	27	
	OTHER ACTIVITIES	3	18 792	31	
	PAKISTAN	LPG TANKER	2	20 730	33
		CRUDE OIL TANKER	6	537 649	24
OIL PRODUCTS TANKER		1	16 411	22	
BULK DRY		42	1 342 428	25	
BULK DRY/OIL		4	243 484	24	
GENERAL CARGO		2	49 574	24	

APPENDIX 1

TOTAL LOSSES WHERE THE INITIATING EVENT OCCURRED DURING 1998

Listing of individual ships - sorted by shiptype category and incident type

Details

shiptype category

**name
registration**

**gross tonnage
year of build**

**incident type
type of loss**

circumstances and place

LPG TANKER

YU HWA No. 2
PANAMA 1,320 FOUNDERED LISTED AND SANK WHILST ANCHORED AT YOSU, IN LAT. 34 46N.,
1974 CTL LONG. 127 46E., ON 29/1/98. RAISED ON 3/2/98. TOWED TO
PUSAN ON 23/2/98. BROKEN UP.
1 CREW MISSING, 8 RESCUED. OIL POLLUTION OCCURRED.

MANUEL BELGRANO
LIBERIA 6,733 GROUNDING REPORTED 30/5/98; STRANDED IN LAT. 21 50N., LONG. 72 28E.
1969 ATL HULL BROKEN AND VESSEL HOGGED. BUNKER TANKS BROKEN.

CHEMICAL

FERMAN SILVER
TURKEY 1,249 GROUNDING STRANDED AT BEYAZ BURUN, CESME, IZMIR, ON 22/4/98 AFTER
1966 CTL SAILING FROM ALIAGA. REFLOATED WITH TUG ASSISTANCE
29/4/98 AND TOWED TO TUZLA. SUBSEQUENTLY TOWED TO ALIAGA,
WHERE ARRIVED 22/8/98. BROKEN UP.
DAMAGE SURVEY HELD 1-2/6/98 AT TUZLA. MAIN ENGINE AND
SHAFTING SPECIALLY EXAMINED.

NAFTI
LIBERIA 17,955 OTHER ENGINE ROOM FLOODED AT TSING YI ISLAND, HONG KONG ON
1974 CTL 2/3/98 AFTER RUPTURE OF OVERBOARD DISCHARGE PIPE. SOLD
AND BROKEN UP.

OIL PRODUCTS TANKER

H. H. A.
SINGAPORE 2,080 FOUNDERED LISTED AND SANK OFF TAMSUI IN LAT. 25 07N., LONG. 121
1978 ATL 13E., ON 16/10/98 DURING TYPHOON 'ZEB'.
7 SURVIVORS, 2 DEAD, 5 MISSING.

KING JIMMY
SIERRA LEONE 300 FOUNDERED FOUNDERED 15 MILES N.W. OF FAIRWAY BUOY, FREETOWN ON
1964 ATL 26/8/98.

OKTYABRSKIY
RUSSIA 950 FOUNDERED FOUNDERED IN USSURIYSKIY GULF IN JANUARY 1998.
1971 ATL

INZHENER GULYAYEV
UKRAINE 3,860 GROUNDING STRANDED OFF MAMZAR PARK, DUBAI ON 7/4/98 AFTER ANCHOR
1967 ATL BROKE IN HEAVY WEATHER. SUBSEQUENTLY REFLOATED AND TOWED
TO PORT RASHID AND BEACHED.
HULL BOTTOM HOLED ON ROCKS.

TINA D
BELIZE 999 CONTACT EXTENSIVELY DAMAGED BY STRIKING PIER AT PORT AU PRINCE ON
1971 ATL 22/9/98 DURING HURRICANE 'GEORGES'.

BULK DRY

ASEAN CARRIER
PANAMA 9,997 FOUNDERED TOOK WATER IN TWO CARGO HOLDS AND REPORTED SINKING IN THE
1969 ATL ARABIAN SEA, IN LAT. 07 21N., LONG. 56 52E., ON 2/8/98 IN
HEAVY WEATHER. PRESUMED TO HAVE FOUNDERED ON OR ABOUT
3/8/98.
ALL 22 CREW RESCUED. VESSEL WAS REPORTEDLY LISTING BADLY
AND DOWN BY THE HEAD.

CHIAN MARINER
LIBERIA 20,552 FOUNDERED TOOK WATER IN ENGINE ROOM IN LAT. 17 18S., LONG. 08 54E.,
1974 ATL ON 10/4/98. ABANDONED BY CREW. DEVELOPED LIST AND DRIFTED.
FOUNDERED 160 MILES OFF THE COAST OF ANGOLA, IN LAT. 16 58
34S., LONG. 09 06 30E., 11/4/98.
ALL 25 CREW RESCUED. VESSEL SANK IN 4,000 METRES OF WATER.

FEI CUI HAI
CHINA 18,972 FOUNDERED FOUNDERED IN LAT. 09 31N., LONG. 110 33E., ON 7/2/98.
1973 ATL 4 CREW RESCUED, 30 MISSING.

FLARE
CYPRUS 16,947 FOUNDERED BROKE IN TWO IN THE GULF OF ST. LAWRENCE, ABOUT 56 MILES
1972 ATL S.W. OF ST. PIERRE AND MIQUELON ISLANDS, IN LAT. 46 27N.,
LONG. 57 12W., ON 16/1/98 IN HEAVY WEATHER. AFT PART SANK
SAME DAY. FORE PART DRIFTED, THEN SANK 20/1/98.
4 CREW RESCUED, 17 DEAD, 4 MISSING.

GOLDEN HARVEST
SAINT VINCENT 12,535 FOUNDERED REPORTED LISTING 30 DEG IN LAT. 21 21N., LONG. 68 18E., ON
1975 ATL 8/6/98 DURING A CYCLONE. CONTACT LOST WITH VESSEL.
PRESUMED TO HAVE FOUNDERED 9/6/98.
24 CREW MISSING.

OSOOOL
BELIZE 11,953 FOUNDERED FOUNDERED 280 N MILES S.W. OF MUMBAI IN LAT. 16 42N.,
1974 ATL LONG. 69 28E., ON 21/7/98.
ALL CREW RESCUED. REPORTED INGRESS OF WATER IN ENGINE
ROOM AND NO. 1 HOLD.

BULK DRY (Continued)

SEA PROSPECT PANAMA	18,793 1996	FOUNDERED ATL	CAPSIZED AND SANK OFF OKINAWA, IN LAT. 24 29N., LONG. 130 37E., ON 26/8/98. 11 CREW RESCUED, 10 MISSING.
HASAN BEY TURKEY	10,273 1970	FIRE/EXPLOSION CTL	CAUGHT FIRE IN ENGINE ROOM 10 MILES N.E. OF EVVOIA ISLAND ON 28/1/98. FIRE EXTINGUISHED. TOWED TO ALIAGA BAY WHERE ARRIVED 29/1/98. SUBSEQUENTLY ARRIVED GEBZE 5/2/98. SAILED 7/2/98 TO ALIAGA WHERE ARRIVED 28/2/98 AND BROKEN UP. FIRE BROKE OUT IN ENGINE ROOM GENERATORS.
SEA DREAM GREECE	22,246 1974	FIRE/EXPLOSION ATL	CAUGHT FIRE 200 MILES OFF DAKAR ON 3/8/98. FIRE PUT OUT ON 5/8/98. VESSEL TOWED TO GIBRALTAR. SAILED ON 7/12/98 IN TOW TO ALEXANDRIA, WHERE LIGHTERED. WHILST BEING TOWED OUT OF ALEXANDRIA, STRANDED ON 19/1/99 AFTER TOW LINE BROKE.
VIOLETTA CYPRUS	19,827 1973	FIRE/EXPLOSION CTL	CAUGHT FIRE WHILST ANCHORED IN BOLIVAR ANCHORAGE, GALVESTON, TX., ON 28/12/98. TOWED TO TUXPAN WHERE ARRIVED 9/2/99 TO BE BROKEN UP. FIRE BROKE OUT IN MAIN ENGINE ROOM. 2 CREW MISSING.
ALTNES SAINT VINCENT	3,961 1978	COLLISION ATL	CAPSIZED AFTER COLLISION WITH MV 'SHANNON' IN THE KATTEGAT, E. OF ANHOLT ISLAND, IN LAT. 56 44N., LONG. 11 52E., ON 13/1/98 IN THICK FOG. HULL SERIOUSLY BREACHED. VESSEL DRIFTED, THEN SANK 15/1/98. ALL 17 CREW RESCUED. VESSEL IS LYING IN SWEDISH WATERS AND SOUNDINGS SHOWED 24 METRES OF WATER ABOVE WRECK.
PLATON SAINT VINCENT	10,973 1977	COLLISION CTL	IN COLLISION WITH MV 'TRUST 38' IN LAT. 34 24S., LONG. 25 33E., ON 22/2/98. PROCEEDED TO PORT ELIZABETH. SAILED ON 11/11/98 IN TOW TO ALANG, WHERE ARRIVED ON 31/12/98 TO BE BROKEN UP. HULL HOLED ON STARBOARD SIDE. HOLDS NO. 2 AND 3 FLOODED.
SMYRNI CYPRUS	9,717 1977	COLLISION CTL	STRUCK BY M CONTAINER VESSEL 'ELISABETH RICKMERS' WHILST DISCHARGING CARGO AT SANTOS ON 26/7/98. ARRIVED NITEROI ON 4/10/98 TO BE BROKEN UP. STARBOARD SIDE HULL HOLED IN WAY OF ENGINE ROOM. ENGINE ROOM FLOODED. PORT SIDE HULL AND ACCOMMODATION AREA DAMAGED. SPILLAGE OF 2 TONNES OF FUEL OIL OCCURRED.
DANAKOS I PANAMA	16,945 1972	GROUNDING CTL	TOUCHED BOTTOM OFF MONTEVIDEO ON 20/3/98. PROCEEDED TO ANCHORAGE. INGRESS OF WATER. TEMPORARY REPAIRS EFFECTED. VESSEL ENTERED PORT 9/5/98. CARGO TRANSHIPPED. SAILED 20/6/98 TO ALANG, WHERE ARRIVED 20/7/98. BROKEN UP. INGRESS OF WATER TO ENGINE ROOM AND ALSO SOME HOLDS. HULL REPORTED TO BE IN BAD CONDITION AS WELL AS BILGES. CARGO CONTAMINATED IN NO. 5 HOLD. TWO RADAR SETS OUT OF ORDER AND VESSEL'S PUMPS HAD TO BE REPAIRED IN ORDER TO FUNCTION. FOREPEAK TO CHAIN LOCKER BULKHEAD HOLED AND WEATHER-DECK IN PART WASTED AND HOLED. CLASSIFICATION CERTIFICATES REPORTEDLY INVALID. VESSEL WAS SOLD AND RENAMED 'ANAK' FOR BREAK-UP VOYAGE.
PEARL OF DAMMAM SAINT VINCENT	16,208 1971	GROUNDING CTL	REPORTED ON 15/6/98; BROKE MOORINGS AND STRANDED AT KANDLA DURING A CYCLONE. SUBSEQUENTLY REFLOATED. ARRIVED ALANG ON 12/9/98. BROKEN UP.
SIR MICHAEL PANAMA	12,332 1973	GROUNDING ATL	STRUCK REEF IN THE GULF OF AQABA ON 10/4/98. PROCEEDED FOR DJIBOUTI FOR REPAIRS, BUT TOOK WATER, LISTED AND WAS BEACHED OFF ASSAB, IN LAT. 12 56N., LONG. 43 03E., ON 15/4/98. BULBOUS BOW IS PART MISSING, PART FLATTENED, WITH SEVERE DAMAGE IN WAY OF FOREPEAK TANK. STARBOARD SIDE SHELL PLATING IS MISSING OVER AREA OF 5 BY 6 METRES.
GRIGOROUSSA LIBERIA	13,538 1972	OTHER CTL	FLOODED IN ENGINE ROOM ABOUT 30 MILES E. OF TRINIDAD ON OR ABOUT 28/9/98. WATER LEVEL REDUCED TO MINIMAL. TOWED INTO PORT OF SPAIN 3/10/98. SUBSEQUENTLY TOWED TO TUXPAN, WHERE ARRIVED 4/12/98. BROKEN UP. SUSTAINED STERN TUBE LEAKAGE. ALL CREW SAFELY RESCUED BY TUG.
GENERAL CARGO			
AGAN RUSSIA	1,522 1977	FOUNDERED ATL	FOUNDERED ABOUT 100 MILES FROM ULLUNG DO ISLAND, SOUTH KOREA, ON 13/2/98 AFTER TAKING WATER IN ONE OF THE HOLDS DUE TO DAMAGE SUSTAINED. 11 CREW RESCUED, 4 DEAD.

GENERAL CARGO (Continued)

AGIOS PANTELEIMON HONDURAS	1,847 1972	FOUNDERED ATL	FOUNDERED ABOUT 30-35 MILES S.W. OF SARDINIA, IN LAT. 38 50N., LONG. 07 59E., ON 17/1/98 IN HEAVY WEATHER. 2 CREW RESCUED, 2 DEAD, 5 MISSING.
ALGA RUSSIA	433 1964	FOUNDERED CTL	CAPSIZED AND SANK AT BERTH AT NAKHODKA ON 14/3/98. RAISED/REFLOATED 26/3/98. TAKEN TO NAKHODKA SHIP REPAIR YARD AND CUT FOR SCRAP IN MAY 1998.
ALIMAD SYRIA	2,706 1963	FOUNDERED ATL	CAPSIZED AND SANK AT MUKALLA ANCHORAGE, IN LAT. 14 31N., LONG. 49 08E., ON 13/6/98 IN HIGH WINDS. ALL 19 CREW RESCUED.
ANTELOPE HONDURAS	1,165 1973	FOUNDERED ATL	LISTED HEAVILY, CAPSIZED AND SANK ABOUT 28 MILES S. OF CAPE IRAGO, IN LAT. 34 18N., LONG. 137 25E., ON 5/2/98 IN STORMY WEATHER. 3 CREW RESCUED, 4 DEAD, 1 MISSING.
ASHRAF R CAMBODIA	1,798 1971	FOUNDERED ATL	LISTED IN THE SEA OF MARMARA, OFF AMBARLI PORT, ON 17/11/98 AFTER CARGO SHIFTED. SANK 18/11/98. ALL 15 CREW RESCUED.
ASTER UKRAINE	1,821 1972	FOUNDERED ATL	LISTED, CAPSIZED AND SANK ABOUT 3 MILES OFF THE WESTERN DANISH COAST, IN LAT. 56 05N., LONG. 07 59E., ON 16/10/98 AFTER CARGO SHIFTED IN HEAVY WEATHER. 5 CREW RESCUED, 3 DEAD, 3 MISSING.
BAHANA NUSANTARA INDONESIA	375 1992	FOUNDERED ATL	FOUNDERED IN ALAS STRAIT, SUMBAWA, ON 25/6/98 AFTER LEAKAGE. 44 PEOPLE RESCUED, 5 DEAD, 46 MISSING.
BEG BELIZE	1,079 1958	FOUNDERED ATL	FOUNDERED AFTER BEING SWEEPED OUT TO SEA BY A STORM WHILE IN THE OUTER ROADS AT POTI ON 14/2/98. ALL 5 CREW MISSING.
BURGANDY CLIPPER BELIZE	499 1965	FOUNDERED ATL	FOUNDERED IN LAT. 41 35N., LONG. 09 19W., ON 16/10/98. ALL CREW RESCUED.
CANTIK INDONESIA	5,656 1974	FOUNDERED ATL	FOUNDERED IN LAT. 19 18N., LONG. 114 19E., ON 19/10/98 AFTER ENGINE BREAKDOWN IN HEAVY WEATHER. 25 CREW RESCUED, 2 MISSING.
CAYTRANS CARIBE BELIZE	1,069 1967	FOUNDERED ATL	TOOK WATER IN LAT. 15 28 24N., LONG. 72 30 12W., ON 23/5/98. DEVELOPED 45-DEG LIST AND PART SUBMERGED. VESSEL PRESUMED TO HAVE FOUNDERED. ALL CREW RESCUED.
DELFIN DEL MEDITERRA SPAIN	4,614 1979	FOUNDERED ATL	FOUNDERED IN LAT. 35 34N., LONG. 13 04W., ON 2/2/98 AFTER CARGO SHIFTED IN HEAVY WEATHER. 13 CREW RESCUED, 1 DEAD.
DOGRUYOLLAR II TURKEY	498 1967	FOUNDERED ATL	FOUNDERED OFF HAIFA SHORTLY AFTER LEAVING PORT ON 16/12/98. ALL CREW RESCUED.
DOGRUYOLLAR IV TURKEY	1,241 1979	FOUNDERED ATL	FOUNDERED ABOUT 30 MILES S.E. OF CAPE CARBONARA, IN LAT. 38 43N., LONG. 09 51E., ON 2/2/98. ALL 11 CREW RESCUED.
DON MARIO HONDURAS	2,850 1967	FOUNDERED ATL	FOUNDERED 300 MILES OFF GIBRALTAR, IN LAT. 36 46N., LONG. 00 14W., ON 10/4/98 IN HEAVY WEATHER. 14 CREW RESCUED, 3 MISSING.
KALIMANTAN EXPRESS INDONESIA	3,082 1971	FOUNDERED ATL	FOUNDERED OFF SANDHEADS, BAY OF BENGAL ON 24/11/98 AFTER ENGINE ROOM HOLED DURING TROPICAL STORM 'ELVIS'. ALL 22 CREW RESCUED.
LAURA FRANCE	1,283 1977	FOUNDERED ATL	LISTED HEAVILY TO PORT IN LAT. 10 27S., LONG. 136 55E., ON 24/2/98 AFTER CARGO SHIFTED WHILST CREW WERE CARRYING OUT ENGINE REPAIRS. SUBSEQUENTLY FOUNDERED ON 25/2/98. VESSEL SANK IN 55 METRES. ALL 11 CREW RESCUED.
LYN DENMARK (DIS)	902 1982	FOUNDERED ATL	ADRIFT WITH HEAVY LIST 60 MILES OFF CORUNNA ON 15/4/98 AFTER CARGO SHIFTED IN HEAVY WEATHER. TAKEN IN TOW FOR VIGO BUT FOUNDERED IN LAT. 42 32N., LONG. 09 23W. ALL CREW RESCUED.

GENERAL CARGO (Continued)

MARELIE SAINT VINCENT	3,748 1971	FOUNDERED ATL	FOUNDERED OFF CYPRUS ON 19/12/98.
MARIA MADIA SAINT VINCENT	9,176 1971	FOUNDERED ATL	FOUNDERED IN LAT. 36 57N., LONG. 13 15E., ON 15/12/98 AFTER NO. 4 HOLD FLOODED DURING ADVERSE WEATHER CONDITIONS.
MELANIE M CAMBODIA	2,776 1966	FOUNDERED ATL	PRESUMED TO HAVE FOUNDERED IN LAT. 18 58N., LONG. 39 14E., ON 9/8/98 AFTER ENGINE ROOM FLOODED AND CAUSED ELECTRICAL FAILURE. ALL CREW RESCUED.
MIYAHATA PANAMA	4,396 1976	FOUNDERED ATL	FOUNDERED OFF TAIWAN IN LAT. 24 56N., LONG. 120 06E., ON 18/11/98. 7 CREW RESCUED, 10 MISSING.
NIKO PANAMA	11,993 1976	FOUNDERED ATL	REPORTED 16/12/98; FOUNDERED 460 MILES OFF SALVADOR. ALL 25 CREW RESCUED.
RAUTZ AUSTRIA	1,935 1976	FOUNDERED ATL	FOUNDERED 120 N MILES S. OF CABO DE SAO VICENTE, IN LAT. 35 07N., LONG. 09 17W., ON 13/7/98 DUE TO SHIFTING OF CARGO. 6 CREW RESCUED, 4 MISSING.
REMA BELIZE	748 1976	FOUNDERED ATL	FOUNDERED IN THE NORTH SEA, LAT. 54 42N., LONG. 00 08W., ON 25/4/98. ALL 5 CREW MISSING.
ROSHNI SAINT VINCENT	5,241 1967	FOUNDERED ATL	REPORTED FOUNDERED AFTER MACHINERY BREAKDOWN 100 MILES OFF SIKKA, IN LAT. 22N., LONG. 68E., ON 9/6/98 DURING CYCLONE. CREW RESCUED.
SUNDARI INDIA	566 1984	FOUNDERED ATL	FOUNDERED 4 MILES OFF DHANU, IN LAT. 20 02N., LONG. 72 36E., ON 25/2/98 IN BAD WEATHER.
TIGER FORCE MALTA	3,988 1991	FOUNDERED ATL	HAD ENGINE ROOM FLOODED AND LISTED IN LAT. 08 03N., LONG. 79 00E., ON 7/7/98. SANK 65 KMS OFF COLOMBO SAME DAY. ALL 18 CREW RESCUED.
ULSUND NORWAY	1,572 1971	FOUNDERED ATL	LISTED, TOOK WATER AND SANK 16 MILES OFF LISTA, IN LAT. 57 57N., LONG. 06 12E., ON 27/2/98 IN GALE-FORCE WINDS. 2 CREW DEAD, 5 MISSING.
WOYANG HONEY KOREA (SOUTH)	3,971 1982	FOUNDERED ATL	LISTED AND SANK IN LAT. 23 00N., LONG. 116 35E., ON 29/6/98. ALL 16 CREW RESCUED.
WORLD PEACE CYPRUS	9,152 1982	FOUNDERED ATL	TOOK WATER IN LAT. 11 26N., LONG. 62 51E., ON 28/6/98 IN HEAVY WEATHER. SUBSEQUENTLY FOUNDERED. ALL 21 CREW RESCUED. NO. 4 HOLD FLOODED.
PIXY MARZO PANAMA	2,824 1991	MISSING ATL	SAILED HONG KONG FOR KEELUNG ON 6/12/98. LAST REPORTED IN DISTRESS IN LAT. 23 17N., LONG. 117 57E., ON 7/12/98 IN BAD WEATHER AND NOT HEARD OF SINCE.
ADRIA ROMANIA	2,075 1978	FIRE/EXPLOSION CTL	CAUGHT FIRE AFTER EXPLOSION IN ENGINE ROOM OFF CASABLANCA, IN LAT. 34 43N., LONG. 07 11W., ON 22/2/98 IN HEAVY WEATHER. TOWED TO CADIZ, THENCE INTO PUERTO DE SANTA MARIA 26/2/98. FIRE BROUGHT UNDER CONTROL. SINCE BROKEN UP. 13 CREW RESCUED, 3 DEAD. ENGINE ROOM AND ACCOMMODATION TOTALLY DESTROYED.
KAPTAN SUKRU TURKEY	488 1871	FIRE/EXPLOSION ATL	CAUGHT FIRE IN MACHINERY 1 MILE OFF PAZAR COUNTY, RIZE; SUBSEQUENTLY STRANDED OFF THE ARDESEN COAST ON 1/9/98. FIRE EXTINGUISHED. BROKEN UP IN SITU. ALL CREW RESCUED. MACHINE SECTION COMPLETELY BURNED AND OTHER PARTS BADLY DAMAGED.
MEDINA ANTIGUA & BARBUDA	2,863 1971	FIRE/EXPLOSION CTL	REPORTED 21/9/98; HAD FIRE IN MAIN ENGINE AND TOWED TO FERROL WHERE STRANDED AT PORT ENTRANCE. REFLOATED 23/9/98 AND BERTHED. TOWED TO MONTOIR. SAILED 26/10/98 TO VIGO AND BROKEN UP. NO. 1 BALLAST TANK CRACKED.

GENERAL CARGO (Continued)

PERSEUS MALTA	10,658 1979	FIRE/EXPLOSION ATL	CAUGHT FIRE IN LAT. 12 19N., LONG. 46 32E., ON 4/8/98. TAKEN IN TOW ON 10/8/98. TOOK WATER AND SANK ON 11/8/98 IN LAT. 12 33N., LONG. 47 47E. ALL 25 CREW RESCUED. FIRE BROKE OUT IN ENGINE ROOM AND SPREAD TO ACCOMMODATION.
ANGLO BAHAMAS	2,326 1972	COLLISION CTL	PART SUBMERGED AFTER COLLISION WITH MV 'TIDAN' AT ANTWERP PORT ON 8/10/98. RAISED/REFLOATED ON OR ABOUT 3/11/98 AND BERTHED. TEMPORARY REPAIRS CARRIED OUT. SAILED 9/12/98 TO GENT, WHERE ARRIVED SAME DAY, TO BE BROKEN UP. VESSEL WAS LYING ON HER STARBOARD SIDE ABOUT 80 METRES FROM BERTH 503.
HUALIEN EXPRESS SAINT VINCENT	12,847 1971	COLLISION CTL	REPORTED 15/6/98; STRANDED AFTER COLLISION WITH UNIDENTIFIED VESSELS AT KANDLA DURING A CYCLONE. SUBSEQUENTLY REFLOATED. CARGO DISCHARGED 18/8/98. SAILED 19/8/98 TO SACHANA, JAMNAGAR AND BROKEN UP. SUSTAINED EXTENSIVE DAMAGE TO HULL AND MACHINERY.
MARIE BOUANGA CONGO	2,875 1970	COLLISION CTL	DAMAGED BY COLLISION WITH M CHEMICAL TANKER 'ZIRCONO' OFF BORKUM RIF ON 17/2/98. TOWED TO EEMSHAVEN WHERE ARRIVED 18/2/98. SUBSEQUENTLY TAKEN TO DELFZYL AND THENCE TO DORDRECHT. SAILED 16/3/98 TO GHENT AND BROKEN UP. 8 RESCUED, 1 MISSING. 2 REMAINED ONBOARD. VESSEL SUSTAINED DAMAGE AFT PORT SIDE IN WAY OF ENGINE ROOM AND TOOK WATER.
SEA STAR DENMARK (DIS)	1,223 1979	COLLISION ATL	SANK AFTER COLLISION WITH FV 'MASAYOSHI MARU NO. 8' IN LAT. 11 41N., LONG. 74 53W., ON 3/6/98. 5 CREW MEMBERS RESCUED, 2 MISSING. VESSEL WAS STRUCK ON PORT AFT SIDE OF HULL.
SHINSEI MARU No. 8 JAPAN	378 1994	COLLISION ATL	SANK AFTER COLLISION WITH M TANKER 'ISOPRENE MARU NO. 2' 2.5 MILES OFF NOSHIMASAKI LIGHTHOUSE, CHIBA PREF., ON 8/7/98 IN DENSE FOG. CREW RESCUED. VESSEL SPILLED 294 GALLONS OF HEAVY FUEL OIL.
SIRIUS BELIZE	1,301 1976	COLLISION CTL	SANK AFTER COLLISION WITH M SAND CARRIER 'YUSHIN MARU NO. 8' OFF MOJI, FUKUOKA PREF., IN LAT. 33 56N., LONG. 131 03E., ON 23/4/98. RAISED ON 22/8/98 AND TAKEN TO PUSAN ON 23/8/98 TO BE BROKEN UP. ALL 8 CREW RESCUED. SLIGHT OIL LEAKAGE OCCURRED.
TAE CHON KOREA (NORTH)	9,451 1969	COLLISION ATL	SANK AFTER COLLISION WITH MV 'YANG LIN' IN THE YELLOW SEA ON 29/4/98 IN FOG. 1 CREW MISSING, 35 RESCUED.
YAMAKUNI MARU No. 3 JAPAN	198 1980	COLLISION CTL	IN COLLISION WITH M CHEMICAL TANKER 'NISSHO MARU' IN THE INLAND SEA ON 18/4/98. TOWED TO YANAI, YAMAGUCHI PREF., THENCE TO KURE, HIROSHIMA PREF. BROKEN UP. SUSTAINED DAMAGE TO STARBOARD SIDE PLATING IN WAY OF ENGINE ROOM AND CARGO HOLD. INGRESS OF WATER OCCURRED.
AMANAH MALAYSIA	3,007 1982	GROUNDING ATL	STRANDED JUST OUTSIDE KEELUNG PORT ON 4/1/98 AFTER HAVING MACHINERY TROUBLE IN HEAVY WEATHER. CARGO HOLD FLOODED. SUBSEQUENTLY BROKE IN TWO AND PARTIALLY SUBMERGED. FUEL LEAKAGE REPORTED.
BIKDON BELIZE	3,804 1975	GROUNDING ATL	TOOK WATER IN ENGINE ROOM AFTER TOUCHING BOTTOM 254 DEG, 5,400 METRES FROM SHIRA SU LIGHTHOUSE, KANMON KAIKYO, KITAKYUSHU-SHI, ON 16/12/98. SANK IN LAT. 33 58 24N., LONG. 130 46 12E., LATER SAME DAY. ALL 16 CREW RESCUED. SLIGHT OIL LEAKAGE FROM SUNKEN VESSEL.
CHUN IL KOREA (SOUTH)	2,831 1991	GROUNDING ATL	STRANDED OFF SUKUMO, KOCHI PREF., IN LAT. 32 53 06N., LONG. 132 27 24E., ON 15/10/98. INGRESS OF WATER TO NO. 2 HOLD AND ENGINE ROOM. ABANDONED BY CREW. VESSEL BROKE AND PART SUBMERGED 17/10/98, THEN COMPLETELY SANK 19/10/98. BOOMS WERE PLACED AROUND VESSEL, WHICH REPORTEDLY SPILLED 1,900 GALLONS OF HEAVY FUEL OIL INTO THE SEA.
DENISSE MARIE VENEZUELA	2,655 1970	GROUNDING ATL	STRANDED IN PUERTO ESCONDIDO BAY, BETWEEN CAPE SAN ROMAN AND TUMATEY POINT, IN LAT. 12 10 30N., LONG. 69 57 48W., ON 4/8/98. INGRESS OF WATER TO ENGINE ROOM AND BALLAST TANKS. VESSEL ABANDONED AS LIES. VESSEL GROUND ON CORAL FORMATION. HER MAIN ENGINE HAS WATER INGRESS TO A LEVEL OF 1 METRE. ONE GENERATOR HAS BEEN DAMAGED BY WATER, WHILE THE OTHER HAS CLOGGED THE COOLING SYSTEM. NOS. 2, 3 AND 4 STARBOARD BALLAST TANKS ARE FULL OF WATER.

GENERAL CARGO (Continued)

DIMITRIOS II HONDURAS	875 1964	GROUNDING ATL	STRANDED ON ROCKS 3 MILES W. OF PAPHOS LIGHTHOUSE, IN LAT. 34 47N., LONG. 32 23E., ON 23/3/98 IN HEAVY WEATHER. TRANSHIPMENT OF CARGO SUBSEQUENTLY CARRIED OUT BY SALVORS. VESSEL LEFT AS LIES. ALL 8 CREW LIFTED OFF BY HELICOPTER.
FRIHAV CYPRUS	1,089 1978	GROUNDING ATL	STRANDED ON ROCKS AT PUNTA GALERA, NEAR CAPE FINISTERRE, ON 13/12/98. HULL PERFORATED. SUBSEQUENTLY BROKE IN TWO DURING GALES. STERN SECTION LATER SANK. ALL FUEL OIL, LUBRICATING OIL AND OTHER POTENTIAL POLLUTANTS HAVE BEEN REMOVED FROM VESSEL.
GIUSEPPINA ETHIOPIA	579 1942	GROUNDING ATL	REPORTED 3/98; WRECKED AT MASSAWA.
HA THANH VIETNAM	1,442 1980	GROUNDING CTL	STRANDED OFF SHIMONOSEKI, YAMAGUCHI PREF., IN LAT. 33 58N. LONG. 130 54E. ON 8/2/98 AFTER DRAGGING ANCHORS AT MUTSURE IN HEAVY WEATHER. REFLOATED 29/3/98 AND TAKEN TO WAKAMATSU, FUKUOKA PREF., AND BROKEN UP. ALL 21 CREW RESCUED BY HELICOPTER. LEAKAGE IN ENGINE ROOM AND CARGO HOLDS.
HONG CHANG PANAMA	5,905 1971	GROUNDING ATL	STRANDED OFF TAIWAN IN LAT. 22 35N., LONG. 120 59E., ON 24/12/98. ALL CREW RESCUED.
MENG KIAT SINGAPORE	9,605 1978	GROUNDING CTL	STRANDED OFF VASAI, 70 KMS N. OF MUMBAI ON 3/7/98 AFTER TOW BROKE IN HEAVY WEATHER. BROKEN UP. VESSEL WAS IN TOW FOR ALANG TO BE BROKEN UP. VESSEL HAS BEEN PLUNDERED SINCE THE STRANDING.
MERT TURKEY	494 1955	GROUNDING ATL	STRANDED IN LAT. 17 26N., LONG. 55 16E., ON 11/6/98.
NEW BARON PANAMA	4,400 1990	GROUNDING CTL	STRANDED AND SANK OFF ULSAN IN LAT. 35 22N., LONG. 129 22E., ON 15/1/98 IN HEAVY WEATHER. SUBSEQUENTLY RAISED 20/8/98. TOWED TO PUSAN AND BROKEN UP. 5 DEAD, 12 MISSING, 3 RESCUED. VESSEL'S MAST VISIBLE ABOVE THE WATERLINE. NO. 1 OIL TANK DESTROYED, NOS. 2 AND 3 OIL TANKS DAMAGED.
SONNODD NORWAY	741 1967	GROUNDING ATL	STRANDED AT HAAKALLEN, OFF GRIMSTAD, FOLLOWING ENGINE FAILURE IN BAD WEATHER ON 22/11/98. SANK IN LAT. 58 17N., LONG. 08 35E., SAME DAY. 1 CREW DEAD, 3 RESCUED.
STAR SUN SAINT VINCENT	6,399 1975	GROUNDING ATL	STRANDED ON REEF IN WASUM BAY, NEW BRITAIN, ON 20/11/98. REFLOATED BY TUGS. SANK IN LAT. 05 42S., LONG. 151 46E., ON 9/12/98, WHILST BEING TOWED FOR RABAUL FOR REPAIRS. ALL 38 CREW RESCUED.
STEELER HONDURAS	1,267 1977	GROUNDING ATL	STRANDED AT QINGDAO ON 19/11/98. SUSTAINED DAMAGE TO HULL AND FLOODED. ALL 7 CREW RESCUED.
SUNNY GLORY BELIZE	1,257 1979	GROUNDING ATL	STRANDED AND HALF SUBMERGED FOLLOWING DRAGGING ANCHOR 1,800 METRES OFF KASHIMA, IBARAKI PREF., ON 15/1/98 IN BAD WEATHER. 7 CREW RESCUED, 2 MISSING. SPILLAGE OF FUEL OIL OCCURRED. HULL TORN AMIDSHIPS. AFT PART OF SHIP SUBMERGED.
VELENJE SAINT VINCENT	12,117 1976	GROUNDING CTL	REPORTED ON 15/6/98; STRANDED AT KANDLA DURING A CYCLONE. REFLOATED ON 11/8/98. ARRIVED ALANG ON 21/11/98 TO BE BROKEN UP.
ADOLPHUS BUSCH I HONDURAS	947 1951	CONTACT CTL	REPORTED 23/9/98; STRUCK PIER WHILST DOCKED AT PORT AU PRINCE DURING HURRICANE 'GEORGES'. SCUTTLED.
GAMMA BELIZE	2,731 1964	CONTACT CTL	DAMAGED BY ICE IN GULF OF FINLAND AND TOWED TO VYSOTSK ROADS ON 8/4/98. CREW TAKEN OFF BY ICEBREAKER. VESSEL LATER ENTERED VYSOTSK PORT. SUBSEQUENTLY REPORTED ARRIVED BILBAO 15/6/98 AND BROKEN UP. SUSTAINED GASH IN SIDE.
SOLOMBALA RUSSIA	1,196 1966	CONTACT ATL	SUSTAINED ICE DAMAGE, TOOK WATER AND LISTED DUE TO CARGO SHIFTING IN THE TATARSKIY PROLIV ON 20/1/98 IN STORMY WEATHER. CAPSIZED AND PARTLY SANK ON 21/1/98. SANK WHILST BEING TOWED 23 MILES OFF KORSKOV ON 23/1/98. ALL 20 CREW RESCUED. HOLDS NO. 1 AND 2 FLOODED.

GENERAL CARGO (Continued)

ANNA MARIA H MALTA	9,397 1970	OTHER CTL	HAD MAIN ENGINE BREAKDOWN ABOUT 300 MILES N.W. OF CAPE TOWN ON 19/4/98. TOWED TO CAPE TOWN, WHERE ARRIVED 23/4/98. PARTIAL REPAIRS CARRIED OUT. SAILED 12/9/98 FOR ALANG, WHERE ARRIVED 8/10/98 TO BE BROKEN UP. VESSEL RENAMED 'ANNA MARIA' FOR VOYAGE TO BREAKERS.
BONITA SAINT VINCENT	12,216 1976	OTHER CTL	SUSTAINED CRACKED MAIN ENGINE CYLINDER BLOCK OFF DAKAR ROADS ON 14/9/98. VESSEL SUBSEQUENTLY REPORTED IN DAKAR PORT. TOWED TO GIJON, WHERE ARRIVED 11/1/99. BROKEN UP.
FIGHTER I BELIZE	2,747 1967	OTHER CTL	HAD ENGINE FAILURE, TOOK WATER AND LISTED ABOUT 40 MILES S.W. OF PAPHOS, IN LAT. 35 19N., LONG. 31 43E., ON 1/9/98. TOWED TO LATCHI PORT AND LIST CORRECTED. SAILED 4/9/98. SUBSEQUENTLY REPORTED ARRIVED ALIAGA 8/12/98. BROKEN UP. ALL 10 CREW RESCUED. TWO HATCHES OPEN ABOVE WATERLINE.
GOLDEN UNION MALTA	9,339 1972	OTHER CTL	TOOK WATER IN ENGINE ROOM AND LOST POWER OFF PORT ST. JOHNS, IN LAT. 31 41S., LONG. 29 34E., ON 10/3/98 IN ROUGH SEAS. TOWED TO ALGOA BAY AND THENCE TO CAPE TOWN 28/3/98. SINCE TOWED TO ALANG, WHERE ARRIVED 14/2/99. BROKEN UP. ALL 33 CREW RESCUED. SURVEY AT ALGOA BAY REVEALED ENGINE ROOM FLOODED TO JUST BELOW MAIN EXHAUST TRUNKING, WITH THE STEERING COMPARTMENT ALSO FLOODED. THE MAIN DECK ACCOMMODATION HAS BEEN COMPLETELY DESTROYED DURING THE TOW AND THE AFT END OF THE POOP DECK HAS FLOODED, CAUSING DAMAGE TO THE OFFICERS AND CREWS MESS ROOM, PROVISION STORES AND COLD STORAGE ROOMS.
PRINCESS KASH BELIZE	4,779 1971	OTHER ATL	BOMBED BY SRI LANKAN AIR FORCE WHILST ANCHORED OFF MULLAITIVU ON 14/8/98. ALL 21 CREW RESCUED. VESSEL WAS SUSPECTED OF TRANSPORTING SUPPLIES FOR TAMIL TIGER REBELS.
SAN MAMES DOS SPAIN	471 1965	OTHER ATL	REPORTED ON 26/2/98; LOST.
SOTA POVEDA SPAIN	291 1961	OTHER ATL	REPORTED ON 26/2/98; LOST.

CONTAINER

JING SHUI QUAN CHINA	3,987 1997	FOUNDERED ATL	FOUNDERED OFF XIAMEN, FUJIAN PROV., IN LAT. 24 09N., LONG. 118 32E., ON 18/11/98.
INDIAN COURIER INDIA	5,718 1977	GROUNDING ATL	STRANDED OFF PIPAVAV IN LAT. 20 59N., LONG. 71 34E., ON 11/6/98.
DISCOVERY BAY UNITED KINGDOM	24,699 1969	OTHER CTL	EXPERIENCED PROBLEMS WITH BOILER SUPER HEATER WHILE AT SYDNEY ON OR ABOUT 18/7/98. PART CARGO TRANSFERRED. SAILED AT A SLOW SPEED TO SINGAPORE, WHERE ARRIVED 12/8/98. SUBSEQUENTLY BEACHED AT ALANG 7/9/98. BROKEN UP. INSPECTION REVEALED VESSEL HAS MAJOR ENGINE PROBLEMS. SOLD WHILST AT SINGAPORE AND RENAMED 'DISCOVERY' FOR BREAK-UP VOYAGE.

REFRIGERATED CARGO

SALEH F. BELIZE	1,485 1970	FIRE/EXPLOSION ATL	EXTENSIVELY DAMAGED BY FIRE IN LAT. 20 36N., LONG. 59 24E., ON 7/12/98. FIRE EXTINGUISHED ON 8/12/98. VESSEL SANK ON 13/12/98. FIRE BROKE OUT IN HOLD NO. 2. ALL 19 CREW RESCUED.
ZUBARA BELIZE	2,309 1967	FIRE/EXPLOSION ATL	REPORTED ON 14/11/98; CAUGHT FIRE OFF SHUWAIKH PORT AND SUBSEQUENTLY SANK ON 17/11/98. ALL CREW RESCUED.

RO-RO CARGO

SEJATI INDONESIA	535 1979	FOUNDERED ATL	REPORTED FLOATING IN SINKING CONDITION 20 MILES W. OF MANADO TUA ISLAND ON 10/12/98. CAPSIZED ON 17/12/98 AND SANK SAME DAY IN LAT. 01 17N., LONG. 124 26E. ALL CREW RESCUED.
EURASIAN DREAM PHILIPPINES	39,353 1984	FIRE/EXPLOSION CTL	CAUGHT FIRE WHILST BERTHED AT SHARJAH ON 23/7/98. TOWED OFFSHORE 24/7/98 STILL BURNING. FIRE EXTINGUISHED 26/7/98. LATER MOVED TO OFF JEBEL ALI PORT. SAILED 9/10/98, IN TOW, TO PANYU, WHERE ARRIVED ABOUT 9/12/98. BROKEN UP. THE EXPLOSION OF A SERVICE CAR USED BY A STEVEDORE CHARGING LOW BATTERIES ON CAR DECK NO. 4, HOLD NO. 2, WAS REPORTED TO BE THE CAUSE OF THE FIRE ON BOARD VESSEL. AT LEAST 50% OF THE CARGO OF CARS ON BOARD ARE BADLY DAMAGED.

RO-RO CARGO (Continued)

HAKATA
PANAMA 7,586 COLLISION
1977 ATL SANK AFTER COLLISION WITH MV 'AMUR' 8 MILES S. OF
SANGBAK ISLAND, OFF YOSU, ON 19/5/98 IN DENSE FOG.
2 DEAD, 19 RESCUED. VESSEL SANK IN 86 METRES OF WATER.

AUTOBAHN
NORWAY (NIS) 3,559 OTHER
1972 CTL LOST RUDDER IN LAT. 36 31N., LONG. 22 07E., ON 26/3/98 IN
HEAVY WEATHER. TOWED TO PIRAEUS, WHERE ARRIVED AT THE
ROADS 29/3/98. CARGO DISCHARGED. SAILED 15/4/98 AND
ARRIVED ALIAGA 17/4/98. BROKEN UP.

PASSENGER/RO-RO CARGO

KAMIJI
JAPAN 194 FOUNDERED
1971 ATL FOUNDERED IN LAT. 34 02N., LONG. 138 28E., ON 11/2/98.

PRINCESS OF THE ORIE
PHILIPPINES 13,614 FOUNDERED
1974 ATL LISTED, CAPSIZED AND SANK 40 N MILES S. OF MANILA, OFF
FORTUNE ISLAND, ON 18/9/98 DURING TROPICAL STORM 'VICKI'.
64 PEOPLE DEAD, 86 MISSING AND 355 RESCUED. SPILLAGE OF
4,000 LITRES OF FUEL OIL OCCURRED.

AL JAWAHER
PANAMA 4,911 FIRE/EXPLOSION
1964 CTL CAUGHT FIRE WHILE AT ANCHORAGE IN SUEZ INNER HARBOUR ON
21/5/98. SUSTAINED SERIOUS DAMAGE TO CREW ACCOMMODATION
AND BRIDGE. SUBSEQUENTLY TAKEN TO LOCAL SHIPYARD AT
ADABIYA TO BE BROKEN UP.

ELISA B
PANAMA 1,134 FIRE/EXPLOSION
1966 ATL CAUGHT FIRE IN ENGINE ROOM NEAR LAS PALMAS ON 6/2/98 WHILE
UNDER TOW. CREW TAKEN OFF AND VESSEL TOWED BACK TO LAS
PALMAS. TOWED OUT 29/4/98 BOUND PUERTO DE SANTA MARIA AND
SANK IN LAT. 33 42 36N., LONG. 07 58 30W., 3/5/98.
VESSEL HAD BEEN SOLD TO AN ANGOLAN OWNER AND WAS IN TOW ON
DELIVERY VOYAGE. EFFORTS TO EXTINGUISH THE FIRE WERE
UNSUCCESSFUL. SURVEY REVEALED ACCOMMODATION ABOVE THE BOAT
DECK COMPLETELY DESTROYED TOGETHER WITH ALL ACCOMMODATION
FORWARD OF THE ENGINE ROOM AT LOWER LEVEL. FIRE DAMAGE IN
THE ENGINE ROOM WAS LIMITED TO THE FORWARD BULKHEAD AREA,
BUT INCLUDING EXTENSIVE WIRING DAMAGE. VESSEL SUBSEQUENTLY
SOLD FOR DEMOLITION.

PASSENGER (CRUISE)

FANTOME
EQUATORIAL GUINEA 676 FOUNDERED
1927 ATL REPORTED 30/10/98; MISSING IN THE WESTERN CARIBBEAN SEA,
IN VICINITY OF HURRICANE 'MITCH'. VESSEL WAS LAST REPORTED
HEADING TOWARD THE LEEWARD SIDE OF THE ROATAN ISLANDS ON
27/10/98. PRESUMED TO HAVE SUBSEQUENTLY FOUNDERED.
31 CREW MISSING. DEBRIS FROM VESSEL FOUND 2/11/98 NEAR THE
ISLAND OF GUANAJA, N. OF TRUJILLO, HONDURAS.

PASSENGER SHIP

RAHMAT BUHARI
INDONESIA 413 FOUNDERED
1974 ATL FOUNDERED S.E. OF SULAWESI ON 13/11/98 IN ROUGH WEATHER.
40 PASSENGERS MISSING.

FISH CATCHING

ADRIATIC SEA
USA 1,558 FOUNDERED
1970 ATL FOUNDERED ABOUT 90 MILES N. OF TUTUILA ON 23/1/98 AFTER
PROPELLER SHAFT BROKE IN ROUGH SEAS.
ALL 20 CREW RESCUED.

ATLANTIC PRIZE
CANADA 102 FOUNDERED
1991 ATL FOUNDERED IN LAT. 44 00 42N., LONG. 52 28 36W., ON
6/11/98.
ALL 6 CREW RESCUED.

AUDACIOUS II
UNITED KINGDOM 245 FOUNDERED
1996 ATL HAD ENGINE FAILURE AND TOOK WATER IN ENGINE ROOM IN
APPROXIMATELY LAT. 57 31N., LONG. 14 21W., ON 17/1/98 IN
HEAVY WEATHER. TAKEN IN TOW 18/1/98, BUT TOWLINE LATER
SNAPPED. SANK IN LAT. 57 24N., LONG. 13 46W., 19/1/98.
PROPELLER FOULED. ALL CREW RESCUED.

BJARNAREY
IRISH REPUBLIC 154 FOUNDERED
1973 ATL REPORTED SINKING WITH A SEVERE LIST IN LAT. 52 00 53N.,
LONG. 14 00 00W., ON 23/11/98 DURING GALE FORCE WINDS.
SANK 24/11/98.
ALL 15 CREW RESCUED.

CAMISARD
FRANCE 102 FOUNDERED
1987 ATL FOUNDERED AT FALLS BANK, DOVER STRAIT, IN LAT. 51 13.88N.,
LONG. 01 42.27E., ON 13/11/98.
ALL 7 CREW RESCUED.

CAPITAINE COOK
FRANCE 680 FOUNDERED
1967 ATL REPORTED ON 3/3/98; FOUNDERED.

FISH CATCHING (Continued)

COSTA DE LA LUZ SPAIN	244 1967	FOUNDERED ATL	REPORTED ON 23/7/98; FOUNDERED.
DAHLIA SOUTH AFRICA	752 1985	FOUNDERED ATL	FOUNDERED 27 MILES S. OF CAPE POINT, IN LAT. 34 42S., LONG. 18 08E., ON 21/3/98 AFTER TAKING WATER. ALL CREW SAFE. VESSEL SANK IN 324 METRES OF WATER.
FAIRLINE UNITED KINGDOM	145 1971	FOUNDERED ATL	FOUNDERED ABOUT 100 MILES E. OF THE SHETLAND ISLANDS ON 7/11/98 IN HEAVY WEATHER. ALL CREW RESCUED.
FLEETWOOD LADY IRISH REPUBLIC	105 1960	FOUNDERED CTL	CAPSIZED AND SANK IN HOWTH HARBOUR ON 2/1/98. RAISED/ REFLOATED 10/1/98 AND BERTHED ALONGSIDE PIER. WRECK SUBSEQUENTLY DISMANTLED. WRECK WAS SOLD FOR USE OF ENGINE ONLY.
GEIR PEDER NORWAY	271 1968	FOUNDERED ATL	FOUNDERED 27 MILES N.N.W. OF VARDØ, IN LAT. 70 49N., LONG. 30 57E., ON 15/2/98 IN HEAVY WEATHER. 11 CREW RESCUED, 1 DEAD.
LOUANNA NAMIBIA	118 1968	FOUNDERED ATL	FOUNDERED IN LAT. 23 44S., LONG. 14 04E., ON 22/7/98. ALL 13 CREW RESCUED.
MARIA TERESA RODRIGU SPAIN	526 1979	FOUNDERED ATL	FOUNDERED OFF MAURITANIA ON 12/2/98.
OCEAN HOPE 1 USA	195 1982	FOUNDERED ATL	CAPSIZED AND SANK 15 MILES E. OF KODIAK ISLAND, AK., IN LAT. 57 36N., LONG. 154 40W., ON 29/10/98. ALL CREW RESCUED.
OCEAN WAY CANADA	103 1983	FOUNDERED ATL	LISTED HEAVILY AND TOOK WATER IN LAT. 47 55N., LONG. 52 58W., ON 4/4/98 IN ROUGH SEAS AND IS PRESUMED TO HAVE FOUNDERED. ALL 10 CREW RESCUED.
ODISSEY-4 RUSSIA	373 1988	FOUNDERED ATL	FOUNDERED AT KHOLMSK DURING JULY, 1998.
PEIX DEL MAR SIETE SPAIN	101 1987	FOUNDERED ATL	CAPSIZED AND SANK 70 KM OFF AGADIR, IN LAT. 30 55N., LONG. 10 15W., ON 17/3/98. 5 CREW RESCUED, 10 MISSING.
PESCALANZA UNITED KINGDOM	108 1968	FOUNDERED ATL	CAPSIZED AND SANK IN LAT. 50 18N., LONG. 10 56W., ON 2/11/98 IN ROUGH WEATHER. 4 CREW DEAD, 2 MISSING AND 6 RESCUED.
ROSEMOUNT UNITED KINGDOM	114 1975	FOUNDERED ATL	TOOK WATER 170 N MILES N.E. OF ABERDEEN ON 7/9/98. SANK IN LAT. 59 20N., LONG. 01 24E., SAME DAY WHILST BEING TOWED. ALL 7 CREW RESCUED.
SEA DOG UNITED KINGDOM	311 1961	FOUNDERED ATL	TOOK WATER IN ENGINE ROOM IN LAT. 53 31N., LONG. 14 25W., ON 15/12/98 IN WINDY WEATHER. SANK IN LAT. 53 41N., LONG. 13 49W., ON 16/12/98. ALL 18 CREW RESCUED.
SHELAGH K USA	182 1988	FOUNDERED ATL	CAPSIZED AND SANK WHILST LOADING FISH 19 MILES N.E. OF PROVINCETOWN, MA, IN LAT. 42 23N., LONG. 70 04W., ON 22/9/98. ALL 4 CREW RESCUED.
SHINRYO MARU No. 75 JAPAN	125 1988	FOUNDERED ATL	CAPSIZED AND SANK 280 KMS N.E. OF NEMURO, HOKKAIDO PREF., IN LAT. 44 51N., LONG. 148 07E., ON 10/1/98. 2 CREW MISSING, 13 RESCUED.
SKARVOY BELIZE	379 1966	FOUNDERED ATL	FOUNDERED IN LAT. 15 45N., LONG. 23 45W., ON 6/9/98. CREW RESCUED.
SOHO MARU No. 31 JAPAN	125 1997	FOUNDERED ATL	FOUNDERED IN LAT. 44 27N., LONG. 147 59E., ON 10/3/98.
SPIKA RUSSIA	742 1969	FOUNDERED ATL	FOUNDERED OFF THE SHIASHKOTAN ISLAND, IN LAT. 43 13N., LONG. 145 47E., ON 2/10/98 IN STORMY WEATHER. ALL 8 CREW RESCUED.

FISH CATCHING (Continued)

SPUTNIK RUSSIA	140 1976	FOUNDERS ATL	FOUNDERS OFF SAKHALIN ISLAND, IN LAT. 46 32N., LONG. 141 14E., ON 3/12/98 AFTER ICING UP. ALL 18 CREW RESCUED.
SUDURHAVID NAMIBIA	363 1964	FOUNDERS ATL	FOUNDERS 300 KMS W. OF THE SOUTH GEORGIA ISLAND ON 6/6/98. 6 CREW DEAD, 11 MISSING AND 21 RESCUED.
VEGAS ESTONIA	181 1961	FOUNDERS ATL	FOUNDERS IN LAT. 59 15N., LONG. 22 18E., ON 1/2/98 DUE TO ICING. 2 CREW RESCUED, 3 MISSING.
WANDA DENMARK	149 1968	FOUNDERS ATL	FOUNDERS IN LAT. 55 14N., LONG. 15 39E., ON 20/5/98. ALL 3 CREW RESCUED.
YOSHI MARU No. 28 JAPAN	113 1988	FOUNDERS ATL	FOUNDERS OFF HACHIJO-JIMA, ON 7/6/98.
DAWNING STAR USA	117 1990	FIRE/EXPLOSION ATL	SANK AFTER EXPLOSION IN ENGINE ROOM ABOUT 206 MILES S.W. OF HONOLULU ON 20/6/98. ALL 4 CREW RESCUED.
DONG YEONG No. 510 KOREA (SOUTH)	351 1974	FIRE/EXPLOSION ATL	BURNT AND SANK IN LAT. 49 05 52S., LONG. 45 07 00W., ON 29/7/98. ALL 33 CREW RESCUED. VESSEL SANK IN 192 METRE DEPTH.
HSIN HUA No. 101 EQUATORIAL GUINEA	374 1973	FIRE/EXPLOSION ATL	CAUGHT FIRE AND SANK IN THE INDIAN OCEAN DURING JANUARY 1998.
OHTORI ARGENTINA	3,081 1971	FIRE/EXPLOSION ATL	CAUGHT FIRE S.E. OF CAPE HORNE ON 6/11/98. TAKEN IN TOW, BUT TOW PARTED IN LAT. 55 53S., LONG. 63 31W., ON 16/11/98 IN HEAVY WEATHER. REPORTED 21/11/98; PRESUMED TO HAVE FOUNDERS. PART CREW TRANSFERRED TO MV 'YAMOTO', WHILE OTHERS REMAINED ON BOARD TO CONTROL THE FIRE.
SHKVAL UKRAINE	120 1979	FIRE/EXPLOSION ATL	SANK AFTER EXPLOSION IN THE BLACK SEA ON 24/7/98. 8 CREW DEAD.
ALASKA I USA	1,246 1972	COLLISION ATL	SANK AFTER COLLISION WITH M CONTAINER VESSEL 'HANJIN BARCELONA' IN THE BERING SEA, 34 MILES N. OF DUTCH HARBOR, AK., ON 11/2/98 IN GOOD WEATHER. VESSEL WAS STRUCK JUST FORWARD OF AMIDSHIPS ON STARBOARD SIDE IN WAY OF ENGINE ROOM. ALL 33 CREW RESCUED. VESSEL SANK IN ABOUT 2,800 FEET OF WATER.
BLACK SHEEP USA	113 1980	COLLISION ATL	SANK AFTER COLLISION WITH M CONTAINER VESSEL 'COLUMBUS CANADA' IN THE HOUSTON SHIP CHANNEL ON 21/12/98. 1 CREW INJURED.
FAITHFUL III UNITED KINGDOM	123 1995	COLLISION ATL	SANK AFTER COLLISION WITH M STERN TRAWLER 'CHALLENGE II' NEAR ROCKALL, IN LAT. 57 22N., LONG. 14 54W., ON 8/4/98 IN HEAVY WEATHER. VESSEL WAS HOLED AND SANK QUICKLY. ALL 6 CREW RESCUED.
IOLANI USA	123 1988	COLLISION ATL	SANK AFTER COLLISION WITH CONTAINER MV 'SETTSU' 350 MILES W. OF OAHU ISLAND, HI., ON 27/11/98. ALL 6 CREW RESCUED.
KOL-181 POLAND	107 1978	COLLISION ATL	SANK AFTER COLLISION WITH RO-RO M FERRY 'KAUNAS' 13 N MILES E. OF BORNHOLM ISLAND IN LAT. 54 57N., LONG. 15 30E., ON 31/3/98 IN DENSE FOG. ALL 8 CREW RESCUED.
MANSEI MARU No. 21 JAPAN	186 1973	COLLISION ATL	SANK AFTER COLLISION WITH MV 'TAIAN MARU NO. 128' IN LAT. 50 02N., LONG. 156 24E., ON 5/2/98.
SILVERY SEA UNITED KINGDOM	265 1976	COLLISION ATL	SANK AFTER COLLISION WITH MV 'MERKUR' 30 N MILES W. OF ESBJERG, IN LAT. 55 25N., LONG. 07 27E., ON 14/6/98. ALL 5 CREW MISSING.
DONG WON No. 529 KOREA (SOUTH)	385 1989	GROUNDING ATL	STRANDED ON ROCKS ON BREAKSEA ISLAND, OFF THE E. COAST OF STEWART ISLAND, IN LAT. 47 07S., LONG. 168 13E., ON 5/10/98. SANK 8/10/98. ALL 39 CREW RESCUED. DIESEL OIL LEAKAGE FROM VESSEL CAUSED SOME POLLUTION.

FISH CATCHING (Continued)

KUBANSKIY RYBAK RUSSIA	635 1981	GROUNDING ATL	STRANDED AT BEAR ISLAND, IN LAT. 74 29N., LONG. 18 45E., ON 29/3/98 IN HEAVY WEATHER AND SNOW. ALL 30 CREW RESCUED. VESSEL HAD LEAKAGE IN ENGINE ROOM AND HOLDS. ENGINE STOPPED AND POWER SUPPLY DISRUPTED. VESSEL HAD 60,000 LITRES OF FUEL OIL ON BOARD. LUBRICATING AND FUEL OIL REMOVED.
OCHAKOV RUSSIA	1,898 1983	GROUNDING ATL	REPORTED 2/11/98; DAMAGED BY STRANDING OFF SIMUSHIR ISLAND, KURILE ISLANDS, IN LAT. 47 09N., LONG. 152 14E., IN GOOD WEATHER. CARGO TRANSHIPPED. STERN, BOW AND HOLD ARE FILLED WITH WATER AND VESSEL IS LISTING 50 DEGREES TO PORT. ALL CREW RESCUED.
PARADISE QUEEN II BELIZE	201 1992	GROUNDING ATL	STRANDED AT KURE ATOLL, MIDWAY ISLANDS, ON 17/10/98. HULL BREACHED AND FLOODED.
SIETE VILLAS SPAIN	233 1970	GROUNDING ATL	REPORTED WRECKED ON 21/10/98.
GLAROS GREECE	118 1970	OTHER ATL	REPORTED ON 11/11/98; LOST.
PATHFINDER GHANA	145 1964	OTHER ATL	REPORTED ON 22/9/98; LOST.
SIN FIN DOS GHANA	294 1974	OTHER ATL	REPORTED ON 25/8/98; LOST.

OTHER FISHING

ORENSE ARGENTINA	1,024 1967	FOUNDERED ATL	FOUNDERED WHILST ON VOYAGE TO ARGENTINA ON 13/1/98.
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OFFSHORE SUPPLY

ENSCO KODIAK II USA	455 1983	FOUNDERED ATL	CAPSIZED AND SANK IN THE GULF OF MEXICO, APPROXIMATELY 180 MILES S. OF NEW ORLEANS, IN LAT. 29 17N., LONG. 89 03W., ON 7/9/98 AFTER CARGO SHIFTED IN HEAVY WEATHER. ALL 17 CREW RESCUED. VESSEL SANK IN 4,300 FT OF WATER.
ALEXANDERTURM LIBERIA	863 1976	FIRE/EXPLOSION CTL	CAUGHT FIRE WHILE ON VOYAGE FROM CAPE TOWN TO LUANDA ON 9/6/98. TOWED TO WALVIS BAY, WHERE ARRIVED 15/6/98. SUBSEQUENTLY DELIVERED TO LOCAL BREAKERS AND BROKEN UP. ALL 10 CREW RESCUED.
LEONA I UNKNOWN	881 1975	COLLISION CTL	SANK AFTER COLLISION WITH CONTAINER MV 'KANO' AT DAKAR ON 13/2/98. RAISED 31/7/98 AND SCUTTLED.
SIR RAPHAEL BELIZE	746 1972	GROUNDING ATL	SUSTAINED DAMAGE IN THE FISHTOWN RIVER, NIGERIA, AFTER BEING HI-JACKED ON 22/7/98. TAKEN IN TOW IN NOVEMBER, 1998, BUT STRUCK SAND BAR WHILST BEING TOWED. AFTER TOW LINE PARTED, VESSEL WAS CARRIED ONTO BEACH BY HIGH TIDE. MOST OF VESSEL'S EQUIPMENT STOLEN OR VANDALISED.

TOWING/PUSHING

DATEC SINGAPORE	249 1982	FOUNDERED CTL	SANK ALONGSIDE JETTY AT MUNDRA ON 9/6/98 DURING A CYCLONE. REPORTEDLY SUSTAINED DAMAGE. SUBSEQUENTLY RAISED/REMOVED AND DELIBERATELY SUNK IN OPEN SEA.
FLORIDA SEAHORSE PANAMA	258 1938	FOUNDERED ATL	FOUNDERED IN LAT. 29 00N., LONG. 90 34W., ON 26/2/98. ALL 5 CREW RESCUED. VESSEL SANK IN ABOUT 30 FT OF WATER.
ORINOCO INDIA	617 1964	FOUNDERED ATL	FOUNDERED WHILST ANCHORED 8-10 MILES OFF SIKKA ON 9/6/98 DURING CYCLONE. ALL CREW LOST.
GUTEC SINGAPORE	251 1982	GROUNDING ATL	WRECKED OFF PIROTAN ISLAND, JAMNAGAR, ON 9/6/98 DURING A CYCLONE.
SEKAVIN 3 PANAMA	116 1960	CONTACT ATL	STRUCK FLOATING OBJECT AND SANK 48 MILES N. OF FUJAIRAH ON 9/9/98.

DREDGING

HANSIA DENMARK	236 1933	FOUNDERED ATL	CAPSIZED AND SANK OFF ARNHOJ I FJ AND ON 8/9/98. ALL CREW RESCUED.
TOMIEI MARU No. 18 JAPAN	465 1987	FOUNDERED ATL	FOUNDERED OFF HIWASA CAPE, FUKUSHIMA PREF., ON 12/2/98.

APPENDIX 2

DISPOSALS DURING 1998

Listing of individual ships - sorted by shiptype category and country of breaking

Details

shiptype category	name	gross tonnage	deadweight	registration	year of build	country of breaking
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LPG TANKER	POGRANICHNIK DERGACH	614	269	RUSSIA	1965	CHINA
	GAS LEONE	1,501	1,119	VANUATU	1972	INDIA
	GAZ IONIAN	4,163	5,595	PANAMA	1970	INDIA
	JAVA RAINBOW	1,970	1,543	LIBERIA	1965	INDIA
	CARIBGAS 3	3,184	3,279	PANAMA	1968	MEXICO
	SILVER CORAL	1,780	2,524	BAHAMAS	1970	MEXICO
	QESHM GAS	10,387	10,942	PANAMA	1967	PAKISTAN
	SAVONETTA	10,343	10,947	LIBERIA	1964	PAKISTAN
CHEMICAL	STOLT SPRAY	15,377	25,200	LIBERIA	1974	INDIA
	BENI MARU No. 1	998	1,273	JAPAN	1984	JAPAN
	MEIHO MARU	177	300	JAPAN	1968	JAPAN
	JOY	3,725	5,378	LIBERIA	1966	MEXICO
CRUDE OIL TANKER	HORTA BARBOSA	63,403	116,750	BRAZIL	1969	BANGLADESH
	KUZBASS	91,341	150,500	RUSSIA	1978	BANGLADESH
	LEONIA	153,687	317,996	ISLE OF MAN	1976	BANGLADESH
	LIMA	153,687	318,013	ISLE OF MAN	1977	BANGLADESH
	MINOLE	28,218	49,534	USA	1961	BANGLADESH
	OVERSEAS ARCTIC	32,418	63,000	USA	1971	BANGLADESH
	PRODUCT QUEEN	20,367	36,415	PANAMA	1973	BANGLADESH
	SOTOON	110,711	224,617	SAINT VINCENT	1972	BANGLADESH
	STRESA	113,560	241,199	LIBERIA	1975	BANGLADESH
	SUNETTA	45,962	79,893	LIBERIA	1975	BANGLADESH
	TISAR	68,799	143,264	SAINT VINCENT	1975	BANGLADESH
	TRANS HERA	63,224	128,358	LIBERIA	1976	BANGLADESH
	VOYAGER	79,746	142,806	SAINT VINCENT	1971	BANGLADESH
	FELLOWSHIP	129,280	264,108	LIBERIA	1974	CHINA
	ALAGOAS	18,318	28,936	BRAZIL	1972	INDIA
	ARAXA	18,318	28,906	BRAZIL	1976	INDIA
	OVERSEAS ALASKA	28,250	63,000	USA	1970	INDIA
	ARICA	115,626	239,435	NORWAY (NIS)	1975	PAKISTAN
	C. S. P. 10	41,954	78,679	BELIZE	1970	PAKISTAN
	KHARK 4	138,276	284,299	IRAN	1973	PAKISTAN
PISA	133,822	267,762	PANAMA	1976	PAKISTAN	
SAINT DIMITRIOS	87,199	152,119	BAHAMAS	1978	PAKISTAN	
ZANJAN	20,772	38,135	SAINT VINCENT	1974	PAKISTAN	
OIL PRODUCTS TANKER	BAY 1	44,489	92,145	HONDURAS	1976	BANGLADESH
	KRAJINA	366	409	YUGOSLAVIA	1954	CROATIA
	ALSAD ALAALY	13,235	20,110	EGYPT	1960	EGYPT
	BETA	2,978	4,334	SAINT VINCENT	1961	INDIA
	CHARLES	21,649	39,366	PANAMA	1956	INDIA
	PERMINA XXVII	9,227	15,792	INDONESIA	1971	INDONESIA
	PERMINA XXX	8,871	15,818	INDONESIA	1971	INDONESIA
	PERMINA XXXI	8,871	15,789	INDONESIA	1971	INDONESIA
	HOKUBU MARU	699	1,476	JAPAN	1973	JAPAN
	MYOFUKU MARU No. 3	135	287	JAPAN	1979	JAPAN
	PLAN DE GUADALUPE	12,763	21,760	MEXICO	1967	MEXICO
	FASSA	16,411	28,587	CYPRUS	1976	PAKISTAN
	CAMPOSILO	657	1,070	SPAIN	1965	SPAIN
	BUZOVNY	3,821	4,160	UKRAINE	1964	TURKEY
	SEVER	950	1,621	TURKMENISTAN	1977	TURKMENISTAN
OTHER LIQUIDS	KYUSUI MARU No. 9	199	300	JAPAN	1937	JAPAN
	EREBUS	3,359	4,399	RUSSIA	1965	VIETNAM
BULK DRY	ANURADHA	20,528	34,121	BAHAMAS	1972	BANGLADESH
	BONSAI	29,949	53,361	MALTA	1972	BANGLADESH
	COSMOTRUST	63,303	114,890	PANAMA	1975	BANGLADESH
	DERBY NORTH	35,968	64,491	CYPRUS	1975	BANGLADESH
	EVA	11,519	19,711	CYPRUS	1971	BANGLADESH
	FENG KANG	37,522	62,481	PANAMA	1974	BANGLADESH
	HOKKAIDO STAR	85,899	167,698	PANAMA	1973	BANGLADESH
	HUNTER	38,376	72,059	PANAMA	1975	BANGLADESH
	IOLCOS ETERNITY	61,549	115,977	PANAMA	1976	BANGLADESH
	KARINA	17,575	27,500	LIBERIA	1975	BANGLADESH
	OLIVIA	85,346	144,399	PANAMA	1974	BANGLADESH
	PAN YARD	64,863	122,928	KOREA (SOUTH)	1976	BANGLADESH
	SHADOWDANCE	46,816	84,576	MALTA	1975	BANGLADESH
	SKYLARK	18,264	30,142	MALTA	1974	BANGLADESH
	TORIO	23,125	38,373	HONDURAS	1973	BANGLADESH
	VEGA T	15,664	27,213	UNKNOWN	1970	BANGLADESH
	VRITA N.	14,824	24,511	CYPRUS	1971	BANGLADESH
	WELLEE	16,305	22,277	PANAMA	1973	BANGLADESH
	APEX	12,815	22,070	PANAMA	1974	CHINA
	GULLUK	35,860	60,920	TURKEY	1976	CHINA

BULK DRY (Continued)

HARVEST	11,887	19,408	PANAMA	1967	CHINA
HUA CHANG	18,585	34,976	LIBERIA	1973	CHINA
MALTESE FALCON	15,689	26,070	MALTA	1977	CHINA
MIAN ZHU HAI	43,793	79,756	CHINA	1973	CHINA
NEWAYS	37,985	69,889	PANAMA	1972	CHINA
PU NING HAI	65,051	122,600	CHINA	1976	CHINA
A. VERMEZ	14,801	22,869	TURKEY	1973	INDIA
AGRARI	44,234	81,882	MALTA	1975	INDIA
AKELAS	20,905	37,532	PANAMA	1972	INDIA
AKSOY TOYA	13,423	21,140	TURKEY	1968	INDIA
ALEXIA	17,355	28,843	CYPRUS	1973	INDIA
AMANPULO	22,961	38,082	MALTA	1972	INDIA
APTERA	24,463	38,612	CYPRUS	1970	INDIA
ARABELLA	16,277	26,510	MALTA	1973	INDIA
ARAYA	22,725	37,999	CYPRUS	1975	INDIA
ARIA	13,786	19,426	MALTA	1973	INDIA
ARIA	15,880	26,599	BELIZE	1976	INDIA
ARNAKI	46,172	81,881	MALTA	1974	INDIA
ASEAN PIONEER	11,651	19,440	MALTA	1969	INDIA
ATTICA	16,201	27,306	MALTA	1971	INDIA
BERGE ADRIA	113,050	227,557	NORWAY (NIS)	1972	INDIA
BLUEWEST	17,698	30,184	MALTA	1970	INDIA
BREEZE A.	35,623	64,497	MALTA	1972	INDIA
CANAN ARICAN	16,285	26,324	TURKEY	1972	INDIA
CAPTAIN BILL	28,092	50,950	PANAMA	1974	INDIA
CAPTAIN VENIAMIS	68,178	122,544	MALTA	1972	INDIA
CASABLANCA	19,971	32,193	PANAMA	1970	INDIA
CHINA BRILLIANCE	18,717	30,761	PANAMA	1970	INDIA
CHRISTINA II	15,745	26,490	MALTA	1973	INDIA
COMMANDER	68,264	123,175	PANAMA	1977	INDIA
CORNILIOS	35,014	64,497	LIBERIA	1974	INDIA
DAVID L	16,008	26,976	LIBERIA	1973	INDIA
DEBORAH	16,258	26,204	SAINT VINCENT	1974	INDIA
DESTINO	15,227	25,199	PANAMA	1973	INDIA
DF ENTERPRISE	9,288	17,032	KOREA (NORTH)	1974	INDIA
DIMITRIS	16,616	25,039	MALTA	1971	INDIA
DUGI OTOK	13,656	22,614	SAINT VINCENT	1973	INDIA
ELENA V	62,573	108,890	PANAMA	1979	INDIA
EUROLIBERTY	18,467	29,623	CYPRUS	1974	INDIA
EVAMARIA	13,661	22,631	MALTA	1973	INDIA
EVER BRIGHT	18,049	28,949	PANAMA	1974	INDIA
EVPO AGNAR	9,737	16,576	PANAMA	1976	INDIA
FELICIA	30,750	54,019	PANAMA	1974	INDIA
FELICITY	10,490	18,157	MALTA	1972	INDIA
FLAG LEADER	22,896	37,898	MALTA	1972	INDIA
FLAG NIKOLAS	63,579	117,949	PANAMA	1972	INDIA
FORTUNE	17,355	28,783	CYPRUS	1973	INDIA
GALACTICA	10,590	18,008	BELIZE	1975	INDIA
GENERAL BEM	23,427	37,844	POLAND	1974	INDIA
GEORGIOS L	19,393	32,084	MALTA	1970	INDIA
GOLD RING	11,843	19,654	UNKNOWN	1971	INDIA
GUTTY	30,575	52,975	UKRAINE	1975	INDIA
HAFEZ	12,291	20,461	IRAN	1970	INDIA
HEAVY METAL	32,960	54,682	CYPRUS	1974	INDIA
HIGH MOUNTAIN	19,961	32,628	CAMBODIA	1972	INDIA
HOPE SEA	32,752	58,078	PANAMA	1970	INDIA
HORIZON A	34,932	64,616	UNKNOWN	1971	INDIA
INTREPID	43,446	77,776	MALTA	1971	INDIA
JAIMATA	16,248	27,354	MALTA	1972	INDIA
KAPETAN ELIAS	24,594	43,442	CYPRUS	1971	INDIA
KHUDOZHNIK FEDOROVSKIY	16,228	24,354	RUSSIA	1978	INDIA
KUPA	18,603	30,832	MALTA	1973	INDIA
LAND	20,813	37,446	BOLIVIA	1973	INDIA
LENA II	16,363	27,780	MALTA	1970	INDIA
LEON	74,607	128,803	MARSHALL ISLANDS	1970	INDIA
MAGNUM	36,177	67,250	CYPRUS	1972	INDIA
MANPOK	12,298	26,246	KOREA (NORTH)	1972	INDIA
MARE I	10,780	18,036	MALTA	1976	INDIA
MARIJEANNIE	30,070	51,890	CYPRUS	1973	INDIA
MARINER A	35,786	65,350	UNKNOWN	1970	INDIA
MARITIME KING	35,347	61,394	PANAMA	1975	INDIA
MARSHAL ROKOSSOVSKIY	60,482	102,140	RUSSIA	1975	INDIA
MARY E	24,838	40,501	PANAMA	1968	INDIA
MARY S	23,343	41,125	PANAMA	1973	INDIA
MAYSTAR	20,186	34,241	MALTA	1974	INDIA
MELODIA	14,283	25,200	CYPRUS	1973	INDIA
MERINI	22,896	38,053	MALTA	1972	INDIA

BULK DRY (Continued)

MICHALAKIS	24,538	41,150	GREECE	1968	INDIA
MILAGRO	19,559	34,995	MALTA	1975	INDIA
MONTREUX	40,562	68,017	SAINT VINCENT	1972	INDIA
MYOHYANG 6	5,326	9,247	KOREA (NORTH)	1973	INDIA
NARWIK II	20,286	31,920	POLAND	1973	INDIA
NITSON I	28,776	50,550	INDIA	1975	INDIA
NORSUL IPU	23,588	38,801	PANAMA	1978	INDIA
OCEAN TRANSPORTER	17,388	30,165	TURKEY	1972	INDIA
OKTAY KALKAVAN	45,832	82,617	TURKEY	1970	INDIA
ONTARIO LAKER	16,224	27,306	MALTA	1970	INDIA
ORFEAS	64,355	120,143	CYPRUS	1973	INDIA
PERICLES G. C.	36,168	65,085	CYPRUS	1974	INDIA
PHILADELPHIA	19,227	33,829	JORDAN	1967	INDIA
PHOENIX	11,479	19,122	SAINT VINCENT	1971	INDIA
PRATISHTHA	23,192	38,203	MALTA	1971	INDIA
PRINARITIS	20,905	37,580	GREECE	1973	INDIA
PUK CHANG	12,087	19,111	KOREA (NORTH)	1970	INDIA
QUEEN	11,998	19,297	CYPRUS	1968	INDIA
RATNA VANDANA	16,417	26,976	INDIA	1973	INDIA
RIO MADEIRA	14,280	23,851	PANAMA	1976	INDIA
ROSINKA	13,538	22,631	UNKNOWN	1973	INDIA
SAADI	12,257	19,874	IRAN	1971	INDIA
SAMEER II	15,297	25,195	SAINT VINCENT	1975	INDIA
SANDRA K	10,993	18,675	LEBANON	1970	INDIA
SAVA	18,669	30,832	MALTA	1973	INDIA
SEA PANTHER	15,940	29,170	SAINT VINCENT	1969	INDIA
SEABOSS II	19,614	35,267	MALTA	1974	INDIA
SEAHOPE II	16,600	29,107	CYPRUS	1972	INDIA
SEAVENUS	19,183	34,370	MALTA	1970	INDIA
SERI I	15,847	26,958	BELIZE	1973	INDIA
SHAO SHAN	19,242	33,311	SAINT VINCENT	1970	INDIA
SKY WIND	28,430	51,121	BAHAMAS	1974	INDIA
SMYRNA	22,617	41,070	CYPRUS	1974	INDIA
SOFRON	36,988	68,024	CYPRUS	1973	INDIA
SOLOON	16,338	26,952	CYPRUS	1974	INDIA
SPYROS B	11,961	19,470	CYPRUS	1970	INDIA
STANDARD VIRTUE	36,635	66,493	GREECE	1973	INDIA
STARSIN	16,030	26,500	SAINT VINCENT	1973	INDIA
STEFOS	19,199	31,972	MALTA	1974	INDIA
SUPERINA	16,656	29,334	PANAMA	1973	INDIA
TEGEA	16,695	29,020	MALTA	1972	INDIA
TIGRIS	67,904	122,647	SAINT VINCENT	1973	INDIA
UNIWERSYTET WARSZAWSKI	29,888	52,020	POLAND	1974	INDIA
UNIWERSYTET WROCLAWSKI	29,888	49,950	POLAND	1974	INDIA
VERA	21,228	34,825	MALTA	1973	INDIA
VITORANDIS	29,966	52,019	LIBERIA	1972	INDIA
WINNER	15,637	26,725	GREECE	1972	INDIA
WINNER 3	9,822	15,842	HONDURAS	1975	INDIA
XING DA	20,353	34,750	SAINT VINCENT	1971	INDIA
YILING	17,728	13,501	SAINT VINCENT	1973	INDIA
YIUF	17,544	29,750	PANAMA	1974	INDIA
ZAGLEBIE MIEDZIOWE	16,027	23,785	MARSHALL ISLANDS	1971	INDIA
ZEYNEP K	16,258	26,369	TURKEY	1973	INDIA
ZIEMIA BIALOSTOCKA	16,118	23,736	POLAND	1972	INDIA
ZIEMIA KRAKOWSKA	16,027	23,792	POLAND	1971	INDIA
ZOUZOU	28,455	50,947	CYPRUS	1973	INDIA
AILSA	16,573	29,202	LIBERIA	1972	PAKISTAN
ALINA	68,169	129,390	SAINT VINCENT	1973	PAKISTAN
ALPHA	16,772	28,193	PANAMA	1976	PAKISTAN
AMBER	41,306	76,583	SINGAPORE	1976	PAKISTAN
ART 54	67,914	131,260	UNITED ARAB EMIRATES	1974	PAKISTAN
AYNUR KALKAVAN	14,147	27,299	TURKEY	1974	PAKISTAN
BASMA	22,679	37,628	PANAMA	1976	PAKISTAN
DIMITRIS N	44,456	76,931	PANAMA	1973	PAKISTAN
DYNAMIC SPIRIT	18,210	31,065	PANAMA	1968	PAKISTAN
EUROBULKER	34,785	60,136	MALTA	1973	PAKISTAN
EUROPA	60,276	110,342	LIBERIA	1971	PAKISTAN
FLAG EMERALD	62,879	111,065	PANAMA	1972	PAKISTAN
FLORIANA	8,355	11,780	UNKNOWN	1968	PAKISTAN
GOK	16,456	26,257	SAINT VINCENT	1972	PAKISTAN
HOMER	23,995	42,288	MALTA	1970	PAKISTAN
IGUANA	19,462	35,267	CYPRUS	1974	PAKISTAN
IMAREA	46,134	81,880	MALTA	1976	PAKISTAN
KIRIAKI	13,569	22,623	PANAMA	1974	PAKISTAN
LAKE PLACID	23,425	37,844	SAINT VINCENT	1973	PAKISTAN
LEDI	13,784	22,623	CYPRUS	1975	PAKISTAN
LEON	78,355	145,015	SAINT VINCENT	1973	PAKISTAN

BULK DRY (Continued)	LEROS STAR	19,805	33,529	CYPRUS	1974	PAKISTAN	
	MARIGOULA K	30,616	41,602	CYPRUS	1974	PAKISTAN	
	MARINIK G	15,748	25,635	CYPRUS	1972	PAKISTAN	
	MASHAKTI	12,413	22,049	MALTA	1972	PAKISTAN	
	MINOAN SKY	31,070	54,424	PANAMA	1973	PAKISTAN	
	OCEAN WISDOM	17,117	27,154	SAINT VINCENT	1973	PAKISTAN	
	OLEMAR	19,218	29,563	CYPRUS	1972	PAKISTAN	
	PIONEER STAR	29,820	53,488	CYPRUS	1973	PAKISTAN	
	PRINCESS CLIPPER	64,409	118,054	HONG KONG, CHINA	1975	PAKISTAN	
	RHINE ORE	133,365	264,999	LIBERIA	1974	PAKISTAN	
	ROKOS VERGOTTIS	12,170	17,915	GREECE	1973	PAKISTAN	
	SAGAR SHAKTI	11,360	19,235	SAINT VINCENT	1971	PAKISTAN	
	SHANIL	23,785	43,841	UNITED ARAB EMIRATES	1974	PAKISTAN	
	SINGA SAGA	16,103	26,586	LIBERIA	1977	PAKISTAN	
	SUGAR	18,048	25,000	SRI LANKA	1971	PAKISTAN	
	THEODORE A	68,143	129,919	LIBERIA	1974	PAKISTAN	
	TRINAESTI JULI	17,233	28,906	MALTA	1968	PAKISTAN	
	UNITED V	40,560	74,013	CYPRUS	1975	PAKISTAN	
	VERNAL STAR	17,475	27,376	PANAMA	1972	PAKISTAN	
	XING LI	16,242	27,112	SAINT VINCENT	1971	PAKISTAN	
	ZIEMIA LUBELSKA	16,027	23,785	POLAND	1971	PAKISTAN	
	DAIKO MARU	89,014	149,288	JAPAN	1973	PHILIPPINES	
	MED TRANSPORTER	12,132	21,570	TURKEY	1973	SPAIN	
	AGNITA	9,029	12,930	ROMANIA	1976	TURKEY	
	ARYA	7,139	10,088	MALTA	1967	TURKEY	
	LEON	19,317	33,311	PANAMA	1972	TURKEY	
	MUSCEL	9,029	12,930	ROMANIA	1974	TURKEY	
	PETROSENI	9,025	12,500	ROMANIA	1968	TURKEY	
	RODANTHI	16,703	29,168	GREECE	1969	TURKEY	
	STANDWEAR	12,121	19,095	BELIZE	1972	TURKEY	
	TOBRUK	19,959	32,377	POLAND	1972	TURKEY	
	OCEANIC MINDORO	67,924	125,486	MALTA	1975	VIETNAM	
	BULK DRY/OIL	AMBER	88,096	164,811	PANAMA	1973	BANGLADESH
		CANYON	141,176	275,588	SAINT VINCENT	1973	BANGLADESH
		MORRETES	78,543	133,752	BRAZIL	1979	BANGLADESH
		AGIOS IOANNIS THEOLOGOS	69,636	122,171	CYPRUS	1977	INDIA
		ARISTIDIS	47,087	84,790	CYPRUS	1975	INDIA
		EMS ORE	56,386	103,332	PANAMA	1974	INDIA
		MARSHAL GRECHKO	65,819	116,283	RUSSIA	1978	INDIA
		EPTANISSA	87,456	164,990	MARSHALL ISLANDS	1974	PAKISTAN
		HERMES	43,564	78,075	CYPRUS	1976	PAKISTAN
OBO ELJF		56,232	103,434	TURKEY	1973	PAKISTAN	
SAK 1		56,232	103,332	SAINT VINCENT	1973	PAKISTAN	
OTHER BULK DRY		FELIZ DUCKLING	31,181	32,500	PANAMA	1973	BANGLADESH
		FOREST TRADER	34,611	41,515	LIBERIA	1974	BANGLADESH
		ISLAND	30,729	41,147	PANAMA	1969	BANGLADESH
	VALENTINA	30,585	36,981	LIBERIA	1976	CHINA	
	CASCADIAN DAWN	34,157	54,195	BAHAMAS	1976	INDIA	
	SEA CHANCE	18,449	24,812	PANAMA	1973	INDIA	
	VISVLIET	30,943	31,905	BELIZE	1971	INDIA	
	CHIKUGOGAWA MARU No. 107	198	200	JAPAN	1973	JAPAN	
	FUKU MARU No. 71	489	805	JAPAN	1973	JAPAN	
	OCEAN PEGASUS	18,628	24,251	PANAMA	1972	PHILIPPINES	
	OHSHUMARU	36,064	43,043	PANAMA	1981	PHILIPPINES	
	USSURIYSKAYA	799	931	RUSSIA	1973	RUSSIA	
	GENERAL CARGO	RAS-HALAGUE	941	1,052	PANAMA	1955	CANARY ISLAND
ALAN		9,023	14,500	MALTA	1976	BANGLADESH	
BROWNWOOD GLORY		5,185	8,619	LIBERIA	1975	BANGLADESH	
GUIDE YI		10,333	13,800	SAINT VINCENT	1972	BANGLADESH	
JIN SHAN BAO		12,440	16,490	SAINT VINCENT	1976	BANGLADESH	
JUN LIANG CHENG		9,966	16,350	CHINA	1970	BANGLADESH	
LIBANUS		11,376	16,635	MALTA	1973	BANGLADESH	
NEI JIANG		9,784	16,270	CHINA	1972	BANGLADESH	
NICOLE		12,238	17,917	BAHAMAS	1975	BANGLADESH	
PACIFIC OCEAN III		9,097	15,315	BELIZE	1969	BANGLADESH	
SAFAR		9,072	14,914	PANAMA	1972	BANGLADESH	
SEA VOYAGER		9,342	15,202	SAINT VINCENT	1971	BANGLADESH	
STOLETIYE PARIZHSKOY KOMMUN		9,934	13,738	RUSSIA	1971	BANGLADESH	
TEMPEST		10,792	14,170	MALTA	1966	BANGLADESH	
BAI YUN SHAN		7,266	7,062	CHINA	1967	CHINA	
DAO CHING		6,721	9,365	HONDURAS	1970	CHINA	
EAGLE ARROW		24,787	39,008	BAHAMAS	1974	CHINA	
EASTERN VENTURE		3,448	6,259	KOREA (SOUTH)	1972	CHINA	
K. H. CHIVALRY		3,402	4,480	PANAMA	1974	CHINA	

GENERAL CARGO (Continued)	KAM HONG	8,982	14,924	BELIZE	1969	CHINA
	STAR CEBU	19,184	29,709	PHILIPPINES	1973	CHINA
	UNITED FUNG	11,511	11,632	PANAMA	1974	CHINA
	ZEYALES	2,742	3,659	RUSSIA	1964	CHINA
	CEYLON	184	169	FINLAND	1968	DENMARK
	ABRAR	5,642	8,642	BELIZE	1967	EGYPT
	RASELTIN	5,567	8,259	EGYPT	1976	EGYPT
	VIENTO	854	890	UNKNOWN	1961	ESTONIA
	DINA R	655	946	GREECE	1957	GREECE
	AFROASIA STAR	11,484	18,856	BARBADOS	1973	INDIA
	AL WAFIC	4,643	5,935	PANAMA	1965	INDIA
	ALLISSA	9,704	15,969	SINGAPORE	1970	INDIA
	AMANDA	9,933	12,640	CAMBODIA	1968	INDIA
	AMER ASHA	11,391	16,975	PANAMA	1972	INDIA
	AMER PRABHA	11,391	16,925	CYPRUS	1977	INDIA
	AMER SHANTI	13,309	16,570	CYPRUS	1974	INDIA
	ANASTASIA I	12,675	20,950	CYPRUS	1975	INDIA
	ANDRE DELMAS	14,555	21,839	BAHAMAS	1976	INDIA
	ANGELIQUE	12,042	17,636	MALTA	1975	INDIA
	ANN YANG	5,625	8,725	MALAYSIA	1972	INDIA
	ARAB HIND	6,589	7,620	SAUDI ARABIA	1965	INDIA
	ASEAN HONOUR	10,531	16,689	MALTA	1969	INDIA
	ASHA MANAN	6,212	8,290	SAINT VINCENT	1970	INDIA
	ASHIK	6,212	8,290	SAINT VINCENT	1969	INDIA
	ASIA STAR	11,484	18,863	HONG KONG, CHINA	1973	INDIA
	BALTIC GUARD	9,673	13,150	MALTA	1972	INDIA
	BARBICAN SPIRIT	21,620	33,932	PHILIPPINES	1971	INDIA
	BLUE BIRD I	5,378	5,923	BELIZE	1970	INDIA
	BOTIC	12,569	20,949	LIBERIA	1976	INDIA
	BRUNEY	2,268	1,025	PANAMA	1971	INDIA
	CANDO	7,361	11,571	PANAMA	1971	INDIA
	CHANG TING	10,094	14,207	CHINA	1971	INDIA
	CITI BREEZE	9,465	13,650	SAINT VINCENT	1970	INDIA
	CITI WAVE	9,724	13,150	SAINT VINCENT	1970	INDIA
	DA FENG	10,129	13,000	CHINA	1973	INDIA
	DA LI	10,129	13,000	CHINA	1974	INDIA
	DA SHI ZHAI	9,855	16,003	CHINA	1971	INDIA
	DA XING	9,628	13,000	CHINA	1973	INDIA
	DAIZU MARU	7,314	11,712	THAILAND	1976	INDIA
	DANAH I	1,597	3,130	BELIZE	1967	INDIA
	DANUBE STREAM	3,063	4,220	PANAMA	1963	INDIA
	DASA SATU	5,344	7,944	INDONESIA	1974	INDIA
	DIAMOND RAY	8,839	12,120	LIBERIA	1974	INDIA
	DOAL MANGAN	11,229	15,521	LIBERIA	1969	INDIA
	EASTERN GLORY	2,654	3,597	MALAYSIA	1961	INDIA
	ELEFTHERIA K	11,730	13,447	PANAMA	1976	INDIA
	ELEKTROSTAL	4,722	6,605	UNKNOWN	1966	INDIA
	ELENI	9,112	15,174	UNKNOWN	1971	INDIA
	EUGENIUSZ KWIATKOWSKI	11,455	11,812	CYPRUS	1975	INDIA
	EUROSHIPPING 8	9,493	13,650	RUSSIA	1967	INDIA
	FELICITA	10,635	16,213	MALTA	1976	INDIA
	FENG YANG	10,365	14,820	CHINA	1973	INDIA
	FENG YI	10,365	14,802	CHINA	1974	INDIA
	FIDELITY I	9,724	13,150	PANAMA	1972	INDIA
	FLASH	9,142	14,948	SAINT VINCENT	1971	INDIA
	FONG DAR	9,593	12,091	SINGAPORE	1974	INDIA
	GENESIS CHALLENGER	8,874	13,805	NIGERIA	1968	INDIA
	GEORGE B	12,704	18,080	PANAMA	1973	INDIA
	GOLDEN SPLENDOUR	11,384	13,160	SAINT VINCENT	1970	INDIA
	GOLDEN STAR	9,497	15,082	SINGAPORE	1974	INDIA
	GRUMANT	3,532	4,555	RUSSIA	1967	INDIA
	GUARDIAN ANGEL	8,937	15,139	SAINT VINCENT	1974	INDIA
	GUI YANG	10,234	14,273	CHINA	1979	INDIA
	GUIDE YUN	9,097	15,022	SAINT VINCENT	1978	INDIA
	HARMONY WAVE	10,094	14,550	MALTA	1977	INDIA
	HOF ANN	5,680	9,275	SINGAPORE	1970	INDIA
	INDIAN PRESTRIGE	11,802	18,842	INDIA	1971	INDIA
	INDIRA	7,661	9,579	BAHAMAS	1970	INDIA
	IRENE P	11,611	16,700	CYPRUS	1970	INDIA
	IRENE S	11,818	16,618	SAINT VINCENT	1972	INDIA
	JIANG CHENG	7,884	11,628	CHINA	1972	INDIA
	JIHANG	5,981	8,659	CAMBODIA	1971	INDIA
	JIN CHENG JIANG	9,418	15,124	SAINT VINCENT	1969	INDIA
	JOY D	11,968	16,120	CYPRUS	1976	INDIA
	JULIA III	9,933	12,640	PANAMA	1969	INDIA
	KAPETAN MARTIN	8,684	12,808	BELIZE	1964	INDIA
	KAPITAN KISSA	6,210	8,254	UKRAINE	1974	INDIA

GENERAL CARGO (Continued)	KAPITAN KLUNNIKOV	6,212	8,230	UKRAINE	1971	INDIA
	KEE ANN	5,680	9,201	SINGAPORE	1970	INDIA
	KEHRA	6,876	7,400	ESTONIA	1974	INDIA
	KIAN ANN	4,428	7,430	UNKNOWN	1973	INDIA
	KIM AN	8,838	12,197	LIBERIA	1973	INDIA
	KOMSOMOLETS MOLDAVII	6,210	8,230	UKRAINE	1971	INDIA
	KONGO MARU	10,033	16,164	THAILAND	1974	INDIA
	KORYO 1	2,219	6,187	KOREA (NORTH)	1971	INDIA
	KOSI BAY	11,484	18,863	HONG KONG, CHINA	1973	INDIA
	KOTA MESRA	5,705	8,220	MALAYSIA	1971	INDIA
	KOTA PETANI	14,265	19,922	SAINT VINCENT	1974	INDIA
	KUUSALU	6,876	7,400	ESTONIA	1974	INDIA
	LADY ANAIS	11,656	18,623	BAHAMAS	1971	INDIA
	LADY OF LORNE	9,130	15,134	SINGAPORE	1972	INDIA
	LARKFIELD	24,787	39,011	BAHAMAS	1974	INDIA
	LEWANT	4,289	4,600	SAINT VINCENT	1967	INDIA
	LI YANG	10,269	12,400	CHINA	1973	INDIA
	LONG MEN	9,672	13,884	CHINA	1974	INDIA
	LONG PING	9,419	13,940	CHINA	1971	INDIA
	LOSINJ	9,743	15,169	CROATIA	1972	INDIA
	LUCKY 25	11,045	16,901	UNKNOWN	1974	INDIA
	LUCY	11,854	13,499	SAINT VINCENT	1980	INDIA
	MADRAS EXPRESS	9,603	11,618	SAINT VINCENT	1974	INDIA
	MANDARIN OCEAN	8,392	15,139	SAINT VINCENT	1971	INDIA
	MANLEY APPLIEDORE	12,452	16,653	PANAMA	1971	INDIA
	MASHRAQ 1	10,023	13,806	BELIZE	1967	INDIA
	MAURITIAN EXPRESS	8,449	9,412	MAURITIUS	1976	INDIA
	MORAYBANK	11,965	15,216	UNKNOWN	1973	INDIA
	MOSCENICE	10,905	13,870	CROATIA	1976	INDIA
	MOWLAVI	11,195	12,554	IRAN	1967	INDIA
	MULTIWAVE	9,146	15,147	SAINT VINCENT	1974	INDIA
	NALS	6,876	7,400	BELIZE	1973	INDIA
	NIKA	10,802	14,390	CAMBODIA	1967	INDIA
	NORLAND	11,397	11,341	CAMBODIA	1975	INDIA
	NORMAR PILOT	9,102	15,178	CYPRUS	1971	INDIA
	NOVORZHEV	3,063	4,173	UKRAINE	1964	INDIA
	OLGA ULYANOVA	9,673	13,150	RUSSIA	1970	INDIA
	ORIENTE OCEANO	4,727	6,630	PANAMA	1963	INDIA
	OYSTER BAY	11,484	18,863	BARBADOS	1973	INDIA
	PAN ASIA SATU	3,753	5,772	INDONESIA	1964	INDIA
	PHILIPPINE EXPRESS	15,658	26,502	PHILIPPINES	1970	INDIA
	PIRIN	5,786	9,383	BULGARIA	1965	INDIA
	POTAESAN	12,728	20,950	PANAMA	1974	INDIA
	PRERANA	11,250	16,182	MALTA	1971	INDIA
	PRINCEFIELD	24,787	38,325	BAHAMAS	1974	INDIA
	QI MEN	9,651	13,884	CHINA	1973	INDIA
	RAB	9,646	14,956	CROATIA	1972	INDIA
	RAINBOW GLORY	1,999	3,400	HONDURAS	1970	INDIA
	RENATA P	8,943	16,157	CYPRUS	1975	INDIA
	RUN FAST	5,548	7,047	SAINT VINCENT	1969	INDIA
	RUSLAN	9,465	13,650	MALTA	1970	INDIA
	SAMRA I	4,642	6,130	HONDURAS	1967	INDIA
	SEA HARVEST	13,592	20,000	LIBERIA	1975	INDIA
	SENICOLI SIERRA	10,674	13,869	SAINT VINCENT	1973	INDIA
	SIMBA	9,338	15,381	SAINT VINCENT	1970	INDIA
	STELLA TH	8,246	13,769	PANAMA	1971	INDIA
	SU XIA	10,121	12,181	CHINA	1971	INDIA
	SU XIN	5,213	7,450	SAINT VINCENT	1972	INDIA
	SURPRISE	16,477	26,568	SINGAPORE	1977	INDIA
	TADEUSZ OCIOZYNSKI	11,455	11,812	CYPRUS	1976	INDIA
	TANSENT	9,166	15,427	BELIZE	1971	INDIA
	TELUK MAS	11,279	13,845	BELIZE	1977	INDIA
	TIA ANGELICA	11,084	14,814	PANAMA	1976	INDIA
	TOLIS	9,114	15,080	CYPRUS	1975	INDIA
	TONGSHUN	11,630	17,029	PANAMA	1971	INDIA
	TORIO	9,933	12,640	UKRAINE	1969	INDIA
	TRUST 38	9,157	15,172	PANAMA	1974	INDIA
	UNILAGO	11,373	14,650	NETHERLANDS ANTILLES	1980	INDIA
	VICTORIA	6,852	12,400	CAMBODIA	1968	INDIA
	VICTORIA DE GIRON	11,323	15,363	CUBA	1969	INDIA
	VIVA VICTORIA	9,277	15,134	PANAMA	1971	INDIA
	VOCEAN	9,103	15,259	CYPRUS	1975	INDIA
	VYATKALES	3,179	3,797	RUSSIA	1965	INDIA
	VZMORYE	3,086	3,797	RUSSIA	1966	INDIA
	WONFU	7,060	11,526	SAINT VINCENT	1973	INDIA
	YAN MEN	9,014	13,780	CHINA	1977	INDIA
	YIN CHUAN	10,734	15,480	CHINA	1974	INDIA

GENERAL CARGO (Continued)	YONG MEN	9,672	13,687	CHINA	1975	INDIA	
	YU CAI	4,844	7,500	CHINA	1970	INDIA	
	YU LIN	9,758	13,520	CHINA	1972	INDIA	
	YUN TAI SHAN	11,274	16,186	CHINA	1971	INDIA	
	ZAMBROW	6,931	7,011	POLAND	1969	INDIA	
	CHITOSE MARU No. 1	134	240	JAPAN	1964	JAPAN	
	FUJITAKA MARU No. 11	495	1,424	JAPAN	1987	JAPAN	
	FUKUTOKU MARU	145	600	JAPAN	1977	JAPAN	
	HAKUSAN MARU No. 22	198	380	JAPAN	1971	JAPAN	
	HIDEYOSHI MARU No. 5	199	650	JAPAN	1970	JAPAN	
	HIYOSHI MARU	164	299	JAPAN	1971	JAPAN	
	KIHO MARU	3,428	6,154	JAPAN	1980	JAPAN	
	KIHO MARU	998	2,791	JAPAN	1974	JAPAN	
	KONPIRA MARU No. 3	182	300	JAPAN	1967	JAPAN	
	KYOWA MARU No. 8	199	700	JAPAN	1982	JAPAN	
	MIYAYOSHI MARU	175	280	JAPAN	1962	JAPAN	
	NICHEIZAN MARU No. 10	101	266	JAPAN	1976	JAPAN	
	NISSHIN MARU	494	630	JAPAN	1975	JAPAN	
	OGAWA MARU No. 201	145	260	JAPAN	1968	JAPAN	
	SHINSEI MARU No. 8	198	500	JAPAN	1981	JAPAN	
	TAIZAN MARU No. 8	198	400	JAPAN	1980	JAPAN	
	TAKASAGO MARU No. 1	137	250	JAPAN	1965	JAPAN	
	TENJIN MARU No. 8	165	500	JAPAN	1969	JAPAN	
	TENSHO MARU	498	998	JAPAN	1985	JAPAN	
	YAMAKUNI MARU No. 2	198	700	JAPAN	1979	JAPAN	
	YUKO MARU	157	150	JAPAN	1980	JAPAN	
	ZUIKO MARU	497	497	JAPAN	1995	JAPAN	
	HASSAN	398	777	UNKNOWN	1951	LEBANON	
	BAHIA DE COCHINOS	10,972	15,799	CUBA	1969	MEXICO	
	VALERIY SABLIN	1,103	1,072	RUSSIA	1959	NETHERLANDS	
	KESTREL ARROW	24,787	39,001	BAHAMAS	1974	PAKISTAN	
	RICHFIELD	24,787	39,082	BAHAMAS	1974	PAKISTAN	
	NOTRE FOIX	499	852	PANAMA	1958	PANAMA	
	CHIPMUNK	3,165	5,397	PHILIPPINES	1972	PHILIPPINES	
	GEORGIY SHAVKUNOV	1,598	1,821	RUSSIA	1968	RUSSIA	
	HISUS NAVIN	355	442	RUSSIA	1951	RUSSIA	
	ABDEL KADER K	2,825	3,517	SYRIA	1965	TURKEY	
	DARIA I	4,659	5,955	MALTA	1968	TURKEY	
	DURRESI	3,804	5,037	ALBANIA	1961	TURKEY	
	EPRON-2	498	139	UKRAINE	1953	UKRAINE	
	BAI YIN SHAN	10,100	12,653	SAINT VINCENT	1966	UNKNOWN	
	OCEAN FREEZE	1,539	1,587	BELIZE	1961	UNKNOWN	
	HA THAN-402	327	360	VIETNAM	1988	VIETNAM	
	VINH DIEN	385	400	VIETNAM	1984	VIETNAM	
	CONTAINER	ALLIGATOR MIRACLE	29,342	29,581	SINGAPORE	1973	BANGLADESH
		ARAMAC	57,870	44,695	PANAMA	1972	BANGLADESH
		HERITAGE EXPRESS	11,217	13,880	NORWAY (NIS)	1977	BANGLADESH
		HIKAWA II	25,845	23,513	LIBERIA	1974	BANGLADESH
		KORRIGAN	56,135	48,850	GREECE	1973	BANGLADESH
		LAGENO	56,822	48,542	BERMUDA	1973	BANGLADESH
		NEDLOYD DELFT	57,327	46,984	NETHERLANDS	1973	BANGLADESH
		NEW ZEALAND STAR	18,882	19,114	SINGAPORE	1971	BANGLADESH
		JIAN HE	21,349	25,130	CHINA	1969	CHINA
		TAO HE	21,609	25,007	CHINA	1968	CHINA
		ACX LOTUS	24,432	22,935	PANAMA	1973	INDIA
AN HE		39,240	33,034	PANAMA	1973	INDIA	
BARBICAN STAR		21,620	32,344	PHILIPPINES	1971	INDIA	
BUNGA PERMAI		43,470	48,450	MALAYSIA	1979	INDIA	
BUNGA SURIA		53,165	49,149	MALAYSIA	1979	INDIA	
CARMEN CARA		35,530	39,730	GREECE	1976	INDIA	
COLUMBUS NEW ZEALAND		21,278	22,266	LIBERIA	1971	INDIA	
EXPORT PATRIOT		17,904	16,605	USA	1973	INDIA	
FAME		55,576	47,838	GREECE	1972	INDIA	
FREMANTLE STAR		18,882	19,114	SINGAPORE	1971	INDIA	
FRONTIER		57,393	47,838	GREECE	1972	INDIA	
ITAITE		11,985	13,963	BRAZIL	1971	INDIA	
ITANAGE		11,985	13,963	BRAZIL	1970	INDIA	
ITAPAGE		11,985	13,963	BRAZIL	1972	INDIA	
ITAPE		11,985	13,963	BRAZIL	1972	INDIA	
ITAQUATIA		11,985	13,963	BRAZIL	1972	INDIA	
IVAN KOTLYAREVSKY		13,212	14,141	RUSSIA	1970	INDIA	
JAY MATADI		56,822	48,544	SAINT VINCENT	1972	INDIA	
KOTA MAKMUR		4,719	5,633	MALAYSIA	1974	INDIA	
MONT BLANC MARU		29,955	30,476	JAPAN	1974	INDIA	
MORETON BAY		24,699	28,341	UNITED KINGDOM	1969	INDIA	
MSC BARBARA D		3,744	4,527	PANAMA	1963	INDIA	

CONTAINER (Continued)	MSC DOMINIQUE	27,721	27,653	PANAMA	1977	INDIA
	MSC FEDERICA	26,962	23,942	PANAMA	1978	INDIA
	MSC GIOVANNA	28,836	34,050	PANAMA	1972	INDIA
	MSC LUISA	26,954	26,093	PANAMA	1974	INDIA
	MSC MARIA LAURA	26,954	26,093	PANAMA	1973	INDIA
	MSC SABRINA	26,684	23,838	PANAMA	1974	INDIA
	NEDLLOYD DEJIMA	57,327	46,984	NETHERLANDS	1973	INDIA
	NICOSIA	15,666	22,111	CYPRUS	1972	INDIA
	SEA-LAND IBERIA	35,530	39,478	GREECE	1976	INDIA
	TAUPO	20,325	18,584	GREECE	1972	INDIA
	WEALTHY RIVER	28,089	23,120	PANAMA	1977	INDIA
	WESTMED	15,644	22,100	GREECE	1972	INDIA
	ZIM COLOMBO	30,491	29,283	GREECE	1970	INDIA
	ZIM PORT SAID	26,270	25,198	PANAMA	1972	INDIA
	ZIM QINGDAO	26,270	25,212	MALTA	1972	INDIA
	ZIM YOKOHAMA	26,270	25,199	MALTA	1972	INDIA
REFRIGERATED CARGO	DALNEVOSTOCHNYY	3,212	2,637	RUSSIA	1960	BANGLADESH
	IMENI 61 KOMMUNARA	5,857	5,170	UKRAINE	1968	BANGLADESH
	ALONTRA	7,608	7,649	MALTA	1978	CHINA
	FRIO PACIFIC	5,789	6,396	PANAMA	1978	CHINA (TAIWAN)
	ACAPULCO	10,219	10,851	PANAMA	1973	INDIA
	ALMAZNY	5,855	5,170	RUSSIA	1972	INDIA
	CHATEAULIN	8,064	6,629	BAHAMAS	1970	INDIA
	CORRADO I	12,362	11,919	PANAMA	1968	INDIA
	DVINSKIY ZALIV	12,454	11,816	UKRAINE	1971	INDIA
	MARATHON BREEZE	9,609	9,315	PANAMA	1973	INDIA
	MIRAMAR	7,807	7,949	CYPRUS	1968	INDIA
	NARVOS ILANKA	13,004	11,816	LITHUANIA	1971	INDIA
	NOOR	14,512	15,210	SAINT VINCENT	1974	INDIA
	RIO DAULE	6,896	7,519	LIBERIA	1968	INDIA
	RONU SALA	9,772	10,200	PANAMA	1971	INDIA
	TROPICAL SUN	6,171	5,354	LIBERIA	1968	INDIA
	USSURIYSKIY ZALIV	12,454	11,816	UKRAINE	1971	INDIA
SHICHIRUI MARU No. 83	302	400	JAPAN	1979	JAPAN	
ANDARMA	255	126	RUSSIA	1953	RUSSIA	
RO-RO CARGO	PUPPIS	8,834	3,876	PANAMA	1977	BANGLADESH
	SETIA TIGA	5,091	1,385	MALAYSIA	1974	BANGLADESH
	FAIRY OCEAN	7,606	7,552	PANAMA	1976	INDIA
	SEK	8,336	7,504	SAINT VINCENT	1976	INDIA
	MANTARO	13,806	15,986	PANAMA	1980	PERU
	PACHITEA	8,281	15,984	PANAMA	1982	PERU
	BILAL	485	667	UNKNOWN	1945	UNKNOWN
PASSENGER/RO-RO CARGO	KNUD	6,811	1,307	SAINT VINCENT	1961	INDIA
	NUSA PEJUANG	6,757	1,061	MALAYSIA	1965	INDIA
	SAKHALIN-4	9,305	2,245	RUSSIA	1975	INDIA
	ARIAKE	498	125	JAPAN	1966	JAPAN
	PULAU LANGKAWI	332	139	MALAYSIA	1959	MALAYSIA
	ALICE	13,692	3,283	PANAMA	1953	TURKEY
	CITY OF TARANTO	10,699	3,048	UNKNOWN	1953	TURKEY
	DELOS	5,543	680	SAINT VINCENT	1964	UNKNOWN
KURUSHIMA I	1,891	672	PANAMA	1969	UNKNOWN	
PASSENGER (CRUISE)	OLGA ANDROVSKAYA	4,258	1,273	UNKNOWN	1976	INDIA
PASSENGER SHIP	ATHIRAH	9,702	2,911	INDONESIA	1962	INDIA
	IZUMRUD	3,966	2,640	UKRAINE	1970	INDIA
	OLIVE	116	35	JAPAN	1973	JAPAN
	OFORI No. 3	130	12	JAPAN	1972	JAPAN
	SHIBUKI No. 3	129	11	JAPAN	1973	JAPAN
	BUREVESTNIK	119	24	UKRAINE	1973	UKRAINE
	RENDEZVOUS	1,684	1,684	PANAMA	1962	USA
OTHER DRY CARGO	CHAROLAIS EXPRESS	3,410	1,440	PHILIPPINES	1962	INDIA
	SAHIWAL EXPRESS	2,189	878	PHILIPPINES	1969	INDIA
FISH CATCHING	PASIONARIYA	2,433		RUSSIA	1967	CHINA
	TRUDOVYE REZERVY	2,836		RUSSIA	1966	CHINA
	VERKHOLAZ	628		RUSSIA	1969	CHINA
	VZMORYE	2,177		UKRAINE	1967	CHINA
	SELENGA	328		ESTONIA	1958	ESTONIA
	ALMA	2,549		UKRAINE	1968	INDIA
	ANATOLIY BREDOV	2,722		RUSSIA	1969	INDIA
	DRUSKININKAI	2,753		LITHUANIA	1969	INDIA
EVRIKA	2,551		RUSSIA	1971	INDIA	

FISH CATCHING (Continued)	KARPOGORY	4,275	RUSSIA	1972	INDIA
	MYS YERMAK	2,777	RUSSIA	1972	INDIA
	NOKUYEV	4,287	RUSSIA	1972	INDIA
	PROFESSOR NESTOR SMIRNOV	2,018	RUSSIA	1976	INDIA
	VASILY PONOMAREV	2,513	SAINT VINCENT	1967	INDIA
	BANZAI MARU No. 11	138	JAPAN	1973	JAPAN
	CHOUN MARU No. 15	144	JAPAN	1980	JAPAN
	CHOUN MARU No. 16	144	JAPAN	1980	JAPAN
	EIKO MARU No. 58	127	JAPAN	1982	JAPAN
	HORYO MARU No. 23	282	JAPAN	1969	JAPAN
	IKUE MARU No. 1	126	JAPAN	1972	JAPAN
	JUNYO MARU No. 82	270	JAPAN	1976	JAPAN
	KOUN MARU	135	JAPAN	1988	JAPAN
	KOUN MARU No. 7	325	JAPAN	1976	JAPAN
	KOUN MARU No. 8	199	JAPAN	1982	JAPAN
	MARUFUKU MARU No. 68	230	JAPAN	1983	JAPAN
	MITSU MARU No. 35	127	JAPAN	1982	JAPAN
	SHICHIRUI MARU No. 8	135	JAPAN	1988	JAPAN
	SHINKAI MARU	116	JAPAN	1992	JAPAN
	SHOFUKU MARU No. 88	262	JAPAN	1977	JAPAN
	SHUNYO MARU No. 18	117	JAPAN	1983	JAPAN
	TAISEI MARU No. 82	221	JAPAN	1975	JAPAN
	TOYO MARU No. 68	127	JAPAN	1976	JAPAN
	YAMADA MARU No. 3	144	JAPAN	1981	JAPAN
	YAMADA MARU No. 5	144	JAPAN	1981	JAPAN
	YUKYU MARU No. 8	135	JAPAN	1984	JAPAN
	ZENPO MARU No. 38	119	JAPAN	1983	JAPAN
	ZOLOTAYA ZVEZDA	480	RUSSIA	1972	JAPAN
	MAKRURUS	720	RUSSIA	1974	LATVIA
	VIESTURS	493	LATVIA	1960	LATVIA
	NORTH STAR	2,579	CUBA	1978	MEXICO
	RIO ALEGRE	2,579	BELIZE	1977	MEXICO
	RIO CAONAO	2,579	GHANA	1976	MEXICO
	MORNING DAWN	324	UNITED KINGDOM	1974	NETHERLANDS
	MOROZOVSK	646	RUSSIA	1959	NORWAY
	AKHILL	609	RUSSIA	1972	RUSSIA
	ARGAM	172	RUSSIA	1972	RUSSIA
	ARTYOM	613	RUSSIA	1968	RUSSIA
	BELLYATRIKS	595	RUSSIA	1969	RUSSIA
	GAYVORON	600	RUSSIA	1972	RUSSIA
	KALAMUS	710	RUSSIA	1974	RUSSIA
	KIYEVKA	174	RUSSIA	1973	RUSSIA
	KURSKAYA DUGA	3,983	RUSSIA	1976	RUSSIA
	NAGORNY	448	RUSSIA	1985	RUSSIA
	OLONETS	1,895	RUSSIA	1986	RUSSIA
	OMAR	172	RUSSIA	1978	RUSSIA
	ORON	164	RUSSIA	1974	RUSSIA
	OZYORNYE KLYUCHI	2,751	RUSSIA	1968	RUSSIA
	PEREVOZNY	173	RUSSIA	1977	RUSSIA
	PERVOURALSK	163	RUSSIA	1978	RUSSIA
	PRIVLEKATELNY	172	RUSSIA	1971	RUSSIA
	PTERIYA	944	RUSSIA	1984	RUSSIA
	PYOTR DERNOV	745	RUSSIA	1971	RUSSIA
	RASHKOV	617	RUSSIA	1975	RUSSIA
	SIBIRYAK	3,070	RUSSIA	1967	RUSSIA
	SRTM-8457	613	RUSSIA	1966	RUSSIA
	TAKTIK	163	RUSSIA	1973	RUSSIA
	UPITE	187	RUSSIA	1977	RUSSIA
	YAGODNOYE	163	RUSSIA	1977	RUSSIA
	ANDI	222	SPAIN	1973	SOUTH AFRICA
	SAGAIL	222	SPAIN	1972	SOUTH AFRICA
	ALAY ALDE	263	SPAIN	1974	SPAIN
	ALVEDRO	242	SPAIN	1961	SPAIN
	AS	171	SPAIN	1970	SPAIN
	AZCARATE BERRIA	228	SPAIN	1971	SPAIN
	BAHIA DE SANTONA	120	SPAIN	1967	SPAIN
	CIUDAD DE LA CORUNA	248	SPAIN	1963	SPAIN
	ITXASKI	266	SPAIN	1974	SPAIN
	JOANS	126	SPAIN	1969	SPAIN
	JOSE CORNIDE	666	SPAIN	1968	SPAIN
	KATETXE	296	SPAIN	1973	SPAIN
	MANUAS	397	SPAIN	1974	SPAIN
	MARIA LOURDES	204	SPAIN	1961	SPAIN
	MONTE REAL	126	SPAIN	1964	SPAIN
	MONTE UROLA	396	SPAIN	1968	SPAIN
	PENITA	158	SPAIN	1975	SPAIN
	PESCAMEX II	666	BELIZE	1969	SPAIN

FISH CATCHING (Continued)	PLAYA DE SANTO DO MAR	177	SPAIN	1966	SPAIN	
	BAZALETI	3,938	GEORGIA	1983	TURKEY	
	CERNA	3,163	ROMANIA	1976	TURKEY	
	CINDRELU	3,971	ROMANIA	1977	TURKEY	
	GALDOR	3,981	RUSSIA	1978	TURKEY	
	GENERAL CHERNYAKHOVSKIY	3,960	UKRAINE	1973	TURKEY	
	GROM	3,147	UKRAINE	1982	TURKEY	
	IKHTIANDR	2,268	UKRAINE	1973	TURKEY	
	NIKOLSK	1,920	UNKNOWN	1966	TURKEY	
	ODISHI	4,407	GEORGIA	1983	TURKEY	
	PANTIKAPEY	658	UKRAINE	1972	TURKEY	
	PAVEL STRELTSOV	3,816	RUSSIA	1984	TURKEY	
	SAKARTVELO	2,154	GEORGIA	1972	TURKEY	
	SERGEY KONDRATEVSKY	2,800	UKRAINE	1969	TURKEY	
	AELITA	618	UKRAINE	1967	UKRAINE	
	SHERATON QUEEN	286	UNKNOWN	1974	UNITED KINGDOM	
	STEPHANIE	168	UNITED KINGDOM	1972	UNITED KINGDOM	
	ADVANCE	198	UNKNOWN	1948	UNKNOWN	
	IOANNIS ROSSOS	115	GREECE	1985	UNKNOWN	
	MATTHEW ATLANTIC	330	CANADA	1964	UNKNOWN	
	SAGITTA	339	SOUTH AFRICA	1965	UNKNOWN	
	VEGA L. K.	401	UNKNOWN	1975	UNKNOWN	
	MAISTROS	797	UNKNOWN	1961	URUGUAY	
	GIDRONAVT	788	UKRAINE	1977	VIETNAM	
	HA LONG-409	284	VIETNAM	1981	VIETNAM	
	OTHER FISHING	ALEKSANDROVSK-SAKHALINSKIY	14,333	RUSSIA	1975	INDIA
		DALNIY VOSTOK	23,102	RUSSIA	1963	INDIA
		KOMSOMOLETS MAGADANA	14,366	RUSSIA	1975	INDIA
		OROCHON	14,280	RUSSIA	1971	INDIA
		DAIKICHI MARU No. 8	135	JAPAN	1983	JAPAN
		KIYO MARU No. 81	243	JAPAN	1977	JAPAN
		VOLGODONSK	590	RUSSIA	1963	RUSSIA
KAPITAN BELLI		863	RUSSIA	1967	UNKNOWN	
OTHER OFFSHORE	NEPTUN	307	RUSSIA	1974	RUSSIA	
RESEARCH	DELTA	116	RUSSIA	1978	RUSSIA	
	VERNYI	193	RUSSIA	1969	RUSSIA	
	GIDROBIOLOG	787	UKRAINE	1978	VIETNAM	
TOWING/PUSHING	HARRISON	150	BRAZIL	1944	BRAZIL	
	MARTE	260	BRAZIL	1942	BRAZIL	
	NEPTUNO	326	BRAZIL	1915	BRAZIL	
	SABRE	233	BRAZIL	1945	BRAZIL	
	BAYKOVO	127	RUSSIA	1988	CHINA	
	POVOROTNYI	502	RUSSIA	1960	CHINA	
	KIN-EI MARU NO. 28	184	JAPAN	1976	JAPAN	
	SANCHO MARU No. 11	391	JAPAN	1972	JAPAN	
	UDO MARU No. 8	153	JAPAN	1960	JAPAN	
	KAPTEINIS SUSCIHINS	238	LATVIA	1958	LATVIA	
	EL KARIM II	235	MOROCCO	1956	MOROCCO	
	CHRISTOPHE LETZER	136	BELGIUM	1961	NETHERLANDS	
	BALITYSK	420	RUSSIA	1959	RUSSIA	
	BK-407	132	RUSSIA	1964	RUSSIA	
	MURMANETS	187	RUSSIA	1972	RUSSIA	
	POLYARNIK	230	RUSSIA	1970	RUSSIA	
ADMIRAL SENYAVIN	130	UKRAINE	1957	UKRAINE		
DREDGING	STENA	296	DENMARK	1965	DENMARK	
	SANEI MARU No. 35	562	JAPAN	1973	JAPAN	
	NOORDZEE 5	2,990	NETHERLANDS	1961	SPAIN	
	TARKWA BAY	2,941	UNITED KINGDOM	1966	SPAIN	
	ROBERT WEIR	1,030	UNITED KINGDOM	1957	UNITED KINGDOM	
OTHER ACTIVITIES	GSH-25	745	RUSSIA	1986	CHINA	
	ABLE VENTURE	10,518	SAINT VINCENT	1962	INDIA	
	PRABHAVI	2,300	SAINT VINCENT	1966	INDIA	
	YU MEI	5,974	CHINA	1974	INDIA	
	TERUTAMA MARU No. 7	122	JAPAN	1971	JAPAN	
	GORODETS	191	RUSSIA	1983	RUSSIA	
	MERCURY	9,048	UNITED KINGDOM	1962	SPAIN	
	CHERNOMORSKAYA-10	589	UKRAINE	1970	UKRAINE	
	CHERNOMORSKAYA-8	589	UKRAINE	1968	UKRAINE	
	DNEPR-3	598	UKRAINE	1968	UKRAINE	
	DNEPR-4	598	UKRAINE	1969	UKRAINE	
	DNEPR-5	627	UKRAINE	1970	UKRAINE	
	DNEPR-6	627	UKRAINE	1971	UKRAINE	
	DNEPR-7	627	UKRAINE	1972	UKRAINE	